



Application Programming Interface Specifications

Integrated e-filing and CPC 2.0 Project

API Name	Submit API Flow
API Description	API used to submit ITRs for current year

Version History

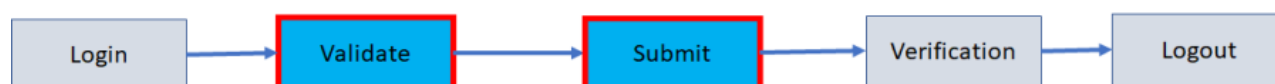
Version	Date	Description
1.0	29-10-2021	Initial Draft
1.1	17-11-2021	Exception scenarios added

Table of Contents

1. Overview.....	4
2. About API.....	4
3. Target Audience and Pre-requisites	4
4. validateItr and submitItr API Details	4
4.1 API Usage Scenario	5
4.2 API Request process.....	5
4.3 API Protocol.....	5
4.4 Request Parameters.....	5
4.4.1 Request Header:	5
4.4.2 Request Body:.....	6
4.4.3 Details of data attribute:.....	6
4.5 Response Parameters.....	8
4.6 validateItr API - Sample Request format.....	8
4.7 validateItr API - Sample Response format.....	11
4.7 submitItr API - Sample Request format.....	12
4.8 submitItr API- Sample Response format	14
5. API Exception Details.....	15

1. Overview

As noted in the ERI Specification Overview document the interaction during the submission phase includes 3 key steps in addition to the Login and Logout. This document defines the specification for the Validate and Submit calls as highlighted in the figure below. The verification calls are described in a separate document as they are complex and include multiple variations.



2. About API

Requester	Type-2 or Type-3 ERI
Provider	ItrWeb
Description	These APIs shall be used to validate and submit the ITRs
Mode of Integration (Real time / Batch)	Real Time
Processing Details	ERI can submit ITR only for current assessment year 2021
Pre-Processing Details	User should have established a session using the Login API specifications.
Service Name	ItrService
API URL	http<hostname>/itrweb/auth/v0.1/returns/submit http://<hostname>/itrweb/auth/v0.1/returns/validate

3. Target Audience and Pre-requisites

This is technical document and target audiences are ERIs working in their application and interested to integrate their application with IEC 2.0 platform.

The pre-requisites to call this API is that ERI is already registered with IEC 2.0 platform. They have valid credentials to call the API.

4. validateItr and submitItr API Details

This service is used to validate income tax return from the taxpayer, where taxpayer has already registered.

There are two API endpoints, and both will have same request and response parameters.

1. **validateItr API:** this API endpoint will validate the ITR and provide response to ERI application. It will not update anything in eFiling system.
2. **submitItr API:** this API endpoint will validate the ITR and submit in eFiling system if validation is successful.

4.1 API Usage Scenario

ERI can submit their choice for verification mode for their client.

When ERI application calls API to validate ITR from the taxpayer and below are the activities are performed:

1. Taxpayer fills income tax return details through ERI application.
2. Taxpayer submits income tax return to eFiling system to validate.

4.2 API Request process

ERI application must have already establish the login session and auth token with eFiling system using the login API. Application will initiate call with API as below:

1. ERI application will capture the taxpayer's income tax return details.
2. ERI Application will call validateItr or submit ITR API and send the request.
3. eFiling system will validate the ITR and provides the success or failure messages to the ERI application as response.

4.3 API Protocol

validateItr API is exposed as REST API over the HTTPS. The input data should be sent as JSON document using Content-Type "application/json".

4.4 Request Parameters

The request will consist of request header and request body:

4.4.1 Request Header:

Header is mandatory and will consists of following values:

Mandatory Request Header Parameters:

Header Name	Header Value
-------------	--------------

Content-type	application/json
clientId	clientId value which is provided to ERI as part of the registration
clientSecret	clientSecret value which is provided to ERI as part of the registration
authToken	Auth token from the Login Flow
accessMode	"API"

4.4.2 Request Body:

Request body will consist of below attributes:

data: data attribute will be Base64 encoded string of API request json. Details of request json attributes are explained in request data element details.

sign:

- The API request data attribute should be digitally signed for the message integrity and non-repudiation purposes.
- Digital signing should always be performed by the ERI from value of data attribute which was generated from request json.
- The signature should be generated using a valid X.509 certificate
- signature value should be generated from data field using ERI's DSC private key.
- ERI should share their DSC public key with ITD to validate the signature.

eriUserId: It is mandatory and valid value is user ID of the ERI

4.4.3 Details of data attribute:

Below are the request parameters, which is request json used to create data attribute as explained above data attribute of the request body:

Note: request and response parameters are same for both validateItr and submitItr API.

Name of the Parameter	Data type	Max length	Is Mandatory	Description
serviceName	String	60	Yes	It is mandatory and valid value is "EriValidateItr" for Validate and "EriItrSubmit" for Submit

Pan	String	10	No	Valid PAN of the taxpayer which is already added as client to the ERI
Header	Json	-	Yes	See Description in table below
formData	Json		Yes	Kindly refer to the Schema published on the Income Tax Portal for each of the ITR forms

Elements under the Header Tag:

Name of the Parameter	Data type	Max length	Is Mandatory	Description
formName	String	5	yes	Name of the form Possible Values: ITR-1, ITR-2, ITR-3, ITR-4, ITR-5, ITR-6, ITR-7
formCode	String	1	yes	ITR form Number 1 to 7 in string format
mimeType	String	4	yes	mimeType will be json
entityNum	String	10	yes	Valid PAN of the taxpayer for whom the form is being submitted
entityType	String	1	yes	Type of Assessee "P"
Ay	String	4	yes	Assessment year for which the form is being submitted. Valid format is "YYYY"
createdBy	String	10	yes	UserID of the ERI for ERI 2 PAN of taxpayer for ERI 3
filingTypeCd	String	1	yes	O – Original R – Revised
filingMode	String	2	yes	Valid value is "OF"
incomeTaxSecCd	String		yes	11- for Original 17- for Revised 12- for Belated (after due date of filing)

submittedBy	String	3	yes	SLF – in case being done by taxpayer himself using Type 3 ERI software ERI – in case the return is being prepared by Type 2 ERI
-------------	--------	---	-----	--

4.5 Response Parameters

Name of the Parameter	Data type	Max length	Is Mandatory	Description
Header	Object		Yes	Contains formName
formName	Object		no	Null
Messages	List<String>		Yes	List of errors "messages": []
errors	List<Error>		Yes	List of errors "errors": []
arnNumber	String	15	Yes	Unique number generated. ARN number is null in case of validateItr API
successFlag	Boolean		Yes	Indicates whether ITR submitted/validate or not. True in case ITR is validated or submitted False in case ITR is not validate/submitted
transactionNo	String		Yes	Unique number generated
HttpStatus	String		Yes	http codes corresponding to response

4.6 validateItr API - Sample Request format

```
{
"data": "",
"sign": "",
"eriUserId": ""
}
```


data tag will be Base64Encoded string from following request json

```
{
  "serviceName": "EriValidateItr",
  "header": {
    "formName": "ITR-1",
    "formCode": "1",
    "mimeType": "json",
    "entityNum": "TNTPP9566H",
    "entityType": "p",
    "ay": "2021",
    "createdBy": "Tushar",
    "filingTypeCd": "O",
    "filingMode": "OF",
    "incomeTaxSecCd": "11",
    "submittedBy": "ERI"
  },
  "formData": {
    "ITR": {
      "ITR1": {
        "CreationInfo": {
          "SWVersionNo": "R1",
          "SWCreatedBy": "SW28450842",
          "XMLCreatedBy": "SW92202020",
          "XMLCreationDate": "1991-02-02",
          "IntermediaryCity": "delhi",
          "Digest": "Ir7WR/VU+X+It08A31seF5opRKRiyaoALC/42Ck7uCg="
        },
        "Form_ITR1": {
          "FormName": "ITR-1",
          "Description": "For Indls having Income from Salary Pension family pension and Interest",
          "AssessmentYear": "2020",
          "SchemaVer": "Ver1.0.1",
          "Form Ver": "Ver1.0"},
          "PersonalInfo": {
            "AssesseeName": {
              "FirstName": "Sahana",
              "MiddleName": "",
              "SurNameOrOrgName": "T"
            },
            "Address": {
              "ResidenceNo": "4",
              "ResidenceName": "SrinidhiResidency",
              "RoadOrStreet": "RoadNumber5",
              "LocalityOrArea": "Vikrampur",
              "CityOrTownOrDistrict": "Hyderabad",
              "StateCode": "36",
              "CountryCode": "91",
              "PinCode": "500009",
              "ZipCode": "",
              "CountryCodeMobile": "91",
              "MobileNo": "9876543210",
              "EmailAddress": "ankit.gupta@gmail.com",
              "PAN": "TNTPP9566H",
              "DOB": "1990-06-09",
              "EmployerCategory": "CGOV",
              "AadhaarCardNo": "121212121212",
              "FilingStatus": {
                "ReturnFileSec": "18",
                "SeventhProvisio139": "N",
                "ReceiptNo": "123456789123456",
                "NoticeNo": "398309901",
                "OrigRetFiledDate": "2020-04-02",
                "NoticeDateUnderSec": "2020-04-02"
              },
              "ITR1_IncomeDeductions": {
                "AllwncExemptUs10": {
                  "AllwncExemptUs10Dtls": [
                    {
                      "SalNatureDesc": "10(5)",
                      "SalOthAmount": "5000"
                    },
                    {
                      "SalNatureDesc": "10(10)",
                      "SalOthAmount": "7000"
                    }
                  ],
                  "TotalAllwncExemptUs10": "12000"
                },
                "OthersInc": {
                  "OthersIncDtlsOthSrc": [
                    {
                      "OthSrcNatureDesc": "IFD",
                      "OthSrcOthAmount": "5000"
                    }
                  ],
                  "UsrDeductUndChapVIA": {
                    "Section80C": "80000",
                    "Section80CCC": "50000",
                    "Section80CCDEmployeeOrSE": "20000",
                    "Section80CCD1B": "0",
                    "Section80CCDEmployer": "20000",
                    "Section80D": "0",
                    "Section80DDUsrType": "2",
                    "Section80DD": "15000",
                    "Section80DDBUsrType": "1",
                    "Section80DDB": "7000",
                    "Section80E": "20000",
                    "Section80EE": "0",
                    "Section80EEA": "0",
                    "Section80EEB": "0",
                    "Section80G": "0",
                    "Section80GG": "0",
                    "Section80GGA": "0",
                    "Section80GGC": "0",
                    "Section80UUsrType": "2",
                    "Section80U": "15000",
                    "Section80TTA": "10000",
                    "Section80TTB": "0",
                    "TotalChapVIADeductions": "237000"
                  },
                  "DeductUndChapVIA": {
                    "Section80C": "80000",
                    "Section80CCC": "50000",
                    "Section80CCDEmployeeOrSE": "20000",
                    "Section80CCD1B": "0",
                    "Section80CCDEmployer": "20000",
                    "Section80D": "0",
                    "Section80DD": "125000",
                    "Section80DDB": "7000",
                    "Section80E": "20000",
                    "Section80EE": "0",
                    "Section80EEA": "0",
                    "Section80EEB": "0",
                    "Section80G": "0",
                    "Section80GG": "0",
                    "Section80GGA": "0",
                    "Section80GGC": "0",
                    "Section80U": "125000",
                    "Section80TTA": "0",
                    "Section80TTB": "0",
                    "TotalChapVIADeductions": "447000"
                  },
                  "ExemptIncAgriOthUs10": {
                    "ExemptIncAgriOthUs10Total": "0"
                  },
                  "GrossSalary": "2025000",
                  "Salary": "2000000",
                  "PerquisitesValue": "15000",
                  "Profi
```

tsInSalary':10000,'NetSalary':2013000,'DeductionUs16':60000,'DeductionUs16ia':50000,'EntertainmentAlw16ii':5000,'ProfessionalTaxUs16iii':5000,'IncomeFromSal':1953000,'TypeOfHP':'L','GrossRentReceived':200000,'AnnualValue':200000,'StandardDeduction':60000,'TotalIncomeOfHP':140000,'IncomeOthSrc':5000,'GrossTotIncome':2098000,'DepPayInvClnUndDednVIA':'N','TotalIncome':1651000},'Schedule80G':{'TotalDonationsUs80G':0,'Don100Percent':{'TotDon100PercentCash':0,'TotDon100PercentOtherMode':0,'TotDon100Percent':0,'TotEligibleDon100Percent':0},'Don50PercentNoApprReqd':{'TotDon50PercentNoApprReqdCash':0,'TotDon50PercentNoApprReqdOtherMode':0,'TotDon50PercentNoApprReqd':0,'TotEligibleDon50Percent':0},'Don100PercentApprReqd':{'TotDon100PercentApprReqdCash':0,'TotDon100PercentApprReqdOtherMode':0,'TotDon100PercentApprReqd':0,'TotEligibleDon100PercentApprReqd':0},'Don50PercentApprReqd':{'TotDon50PercentApprReqdCash':0,'TotDon50PercentApprReqdOtherMode':0,'TotDon50PercentApprReqd':0,'TotEligibleDon50PercentApprReqd':0},'TotalDonationsUs80GCash':0,'TotalDonationsUs80GOtherMode':0,'TotalEligibleDonationsUs80G':0},ITR1_TaxComputation':{'IntrstPay':{'IntrstPayUs234A':4222,'IntrstPayUs234B':11083,'IntrstPayUs234C':10292,'LateFilingFee234F':0},'TotalTaxPayable':307800,'Rebate87A':0,'TaxPayableOnRebate':307800,'EducationCess':12312,'GrossTaxLiability':320112,'Section89':0,'NetTaxLiability':320112,'TotalIntrstPay':25597,'TotTaxPlusIntrstPay':345709},'TaxPaid':{'TaxesPaid':{'AdvanceTax':19000,'TDS':64000,'TCS':26000,'SelfAssessmentTax':0,'TotalTaxesPaid':109000},'BalTaxPayable':236709},'Refund':{'BankAccountDtls':{'AddtnlBankDetails':[{'IFSCCode':'UTIB0002766','BankName':'AxisBank','BankAccountNo':'567854676789678','UseForRefund':true}]}},'RefundDue':0},'ScheduleDI':{'InvstDpstPymntDtlSysCalc':{'Section80C':80000,'Section80CCC':50000,'Section80CCDEmployeeOrSE':20000,'Section80CCD1B':0,'Section80CCDEmployer':20000,'Section80D':0,'Section80DD':125000,'Section80DDB':7000,'Section80E':20000,'Section80EE':0,'Section80EEA':0,'Section80EEB':0,'Section80G':0,'Section80GG':0,'Section80GGA':0,'Section80GGC':0,'EligibleAmountDedTotal':322000}},'Schedule80GGA':{'TotalDonationAmtCash80GGA':0,'TotalDonationAmtOtherMode80GGA':0,'TotalDonationsUs80GGA':0,'TotalEligibleDonationAmt80GGA':0},'Schedule80D':{'Sec80DSelfFamSrCtznHealth':{'SeniorCitizenFlag':'N','SelfAndFamily':0,'SelfAndFamilySeniorCitizen':0,'ParentsSeniorCitizenFlag':'N','Parents':0,'ParentsSeniorCitizen':0,'EligibleAmountOfDedn':0}},'TDSonSalaries':{'TDSonSalary':[{'EmployerOrDeductorOrCollectDetl':{'TAN':'HYDS03028F','EmployerOrDeductorOrCollectorName':'Tribunalpvtltd'},'IncChrgSal':100000,'TotalTDSSal':10000}],'TotalTDSonSalaries':10000},'TDSonOthThanSals':{'TDSonOthThanSal':[{'EmployerOrDeductorOrCollectDetl':{'TAN':'HYDS03028F','EmployerOrDeductorOrCollectorName':'Tribunalpvtltd'},'AmtForTaxDeduct':100000,'DeductedYr':'2019','TotTDSOnAmtPaid':9000,'ClaimOutOfTotTDSOnAmtPaid':9000},{'EmployerOrDeductorOrCollectDetl':{'TAN':'HYDS03028K','EmployerOrDeductorOrCollectorName':'ABCD'},'AmtForTaxDeduct':20000,'DeductedYr':'2019','TotTDSOnAmtPaid':8000,'ClaimOutOfTotTDSOnAmtPaid':8000},{'EmployerOrDeductorOrCollectDetl':{'TAN':'HYDD03028F','EmployerOrDeductorOrCollectorName':'PQR'},'AmtForTaxDeduct':100000,'DeductedYr':'2019','TotTDSOnAmtPaid':6000,'ClaimOutOfTotTDSOnAmtPaid':6000}],'TotalTDSonOthThanSals':23000},'ScheduleTDS3Dtls':{'TDS3Details':[{'PANofTenant':'AAAPL1234C','NameOfTenant':'Shivani','GrsRcptToTaxDeduct':20000,'DeductedYr':'2019','TDSDeducted':28000,'TDSClaimed':20000},{'PANofTenant':'ADRCV4579C','NameOfTenant':'Akhila','GrsRcptToTaxDeduct':100000,'DeductedYr':'2019','TDSDeducted':15000,'TDSClaimed':10000},{'PANofTenant':'BDRCV4579D','NameOfTenant':'Akhil','GrsRcptToTaxDeduct':15000,'DeductedYr':'2019','TDSDeducted':15000,'TDSClaimed':1000}],'TotalTDS3Details':31000},'ScheduleTCS':{'TCS':[{'EmployerOrDeductorOrCollectDetl':{'TAN':'AGRS03028F','EmployerOrDeductorOrCollectorName':'Tribunalpvtltd'},'AmtTaxCollected':100000,'

```

CollectedYr':'2019','TotalTCS':10000,'AmtTCSClaimedThisYear':9000},{'EmployerOrDeductor
OrCollectDetl':{'TAN':'HYDS03028F','EmployerOrDeductorOrCollectorName':'ABC'},'AmtTax
Collected':15000,'CollectedYr':'2019','TotalTCS':20000,'AmtTCSClaimedThisYear':9000},{'Em
ployerOrDeductorOrCollectDetl':{'TAN':'HYDS03028H','EmployerOrDeductorOrCollectorNam
e':'XYZ'},'AmtTaxCollected':9000,'CollectedYr':'2019','TotalTCS':10000,'AmtTCSClaimedThis
Year':8000}],'TotalSchTCS':26000},'TaxPayments':{'TaxPayment':[{'BSRCode':'5650987','Date
Dep':'2019-08-19','SrlNoOfChaln':12345,'Amt':10000},{'BSRCode':'5650989','DateDep':'2019-
09-
10','SrlNoOfChaln':52672,'Amt':9000}],'TotalTaxPayments':19000},'Verification':{'Declaration':
{'AssesseeVerName':'AnkitGupta','FatherName':'PraneethGupta','AssesseeVerPAN':'BURPG123
4P'],'Capacity':'S','Place':'hyd'}}}}}"
}

```

4.7 validateItr API - Sample Response format

Response 1: When Validated Successfully

```

{
"serviceName":"EriValidateItr",
"pan": "ACEPR7859X",
"header": {
"formName": null
},
"messages": [],
"errors": [],
"arnNumber": null,
"id": null,
"successFlag": false,
"transactionNo": "ITR000000004862",
"httpStatus": null

```

Response 2: When error in validation

```

{
"serviceName":"EriValidateItr",
"pan": "ACEPR7859X",
"header": {
"formName": null
},
"messages": [],
"errors": [
{
"errCd": "AssesseeName_001",
"errFld": "ITR.ITR1.PersonalInfo.AssesseeName",
"errCtg": "OTH",

```

```
        "asPerItr": 0,  
        "asComputed": 0,  
        "variance": 0,  
        "schId": null  
    }  
],  
"arnNumber": null,  
"id": null,  
"successFlag": false,  
"transactionNo": null,  
"formPath": null,  
"httpStatus": null  
}
```

4.7 submitItr API - Sample Request format

```
{  
  "serviceName": "EriItrSubmit",  
  
  "header": {  
  
    "formName": "ITR-1",  
  
    "formCode": "1",  
  
    "mimeType": "json",  
  
    "entityNum": "ABCPC9999X",  
  
    "entityType": "p",  
  
    "ay": "2021",  
  
    "createdBy": "ERIP123456",  
  
    "filingTypeCd": "O",  
  
    "filingMode": "OF",  
  
    "incomeTaxSecCd": "11",  
  
    "submittedBy": "ERI"  
  
  },  
}
```

```
"formData": "{ 'ITR': { 'ITR1': { 'CreationInfo': { 'SWVersionNo': '1.63', 'SWCreatedBy': 'SW19001101', 'JSONCreatedBy': 'SW19001101', 'JSONCreationDate': '2021-07-24', 'IntermediaryCity': 'Jalandhar', 'Digest': 'DfW9hW+Kv1uZD1BMnkDQy8HITd6triabaavHtb69nDA=' }, 'Form_ITR1': { 'FormName': 'ITR-1', 'FormVer': 'Ver1.2', 'SchemaVer': 'Ver1.2', 'AssessmentYear': '2021', 'Description': 'For Indls having Income from Salary, Pension, family pension and Interest' }, 'PersonalInfo': { 'AssesseeName': { 'FirstName': 'Sourav', 'SurNameOrOrgName': 'Gupta' }, 'Address': { 'ResidenceNo': 'TESTING', 'LocalityOrArea': 'TESTING', 'CityOrTownOrDistrict': 'Jalandhar', 'StateCode': '26', 'CountryCode': '91', 'PinCode': '144001', 'CountryCodeMobile': '91', 'MobileNo': '9000000000', 'EmailAddress': 'divumani95@gmail.com' }, 'PAN': 'ABCPC9999X', 'DOB': '1995-01-01', 'EmployerCategory': 'OTH' }, 'FilingStatus': { 'ReturnFileSec': '11', 'NewTaxRegime': 'N', 'SeventhProvisio139': 'N' }, 'ITR1_IncomeDeductions': { 'GrossSalary': '360000', 'Salary': '360000', 'PerquisitesValue': '0', 'ProfitsInSalary': '0', 'NetSalary': '360000', 'DeductionUs16': '50000', 'DeductionUs16ia': '50000', 'EntertainmentAlw16ii': '0', 'ProfessionalTaxUs16iii': '0', 'IncomeFromSal': '310000', 'GrossRentReceived': '0', 'TaxPaidlocalAuth': '0', 'AnnualValue': '0', 'StandardDeduction': '0', 'InterestPayable': '0', 'ArrearsUnrealizedRentRcvd': '0', 'TotalIncomeOfHP': '0', 'IncomeOthSrc': '10000', 'OthersInc': { 'OthersIncDtlsOthSrc': [ { 'OthSrcNatureDesc': 'SAV', 'OthSrcOthAmount': '10000' } ] }, 'GrossTotIncome': '320000', 'UsrDeductUndChapVIA': { 'Section80C': '0', 'Section80CCC': '0', 'Section80CCDEmployeeOrSE': '0', 'Section80CCD1B': '0', 'Section80CCDEmployer': '0', 'Section80D': '0', 'Section80DD': '0', 'Section80DDB': '0', 'Section80E': '0', 'Section80EE': '0', 'Section80EEA': '0', 'Section80EEB': '0', 'Section80G': '0', 'Section80GG': '0', 'Section80GGA': '0', 'Section80GGC': '0', 'Section80U': '0', 'Section80TTA': '10000', 'Section80TTB': '0', 'TotalChapVIADeductions': '10000' }, 'DeductUndChapVIA': { 'Section80C': '0', 'Section80CCC': '0', 'Section80CCDEmployeeOrSE': '0', 'Section80CCD1B': '0', 'Section80CCDEmployer': '0', 'Section80D': '0', 'Section80DD': '0', 'Section80DDB': '0', 'Section80E': '0', 'Section80EE': '0', 'Section80EEA': '0', 'Section80EEB': '0', 'Section80G': '0', 'Section80GG': '0', 'Section80GGA': '0', 'Section80GGC': '0', 'Section80U': '0', 'Section80TTA': '10000', 'Section80TTB': '0', 'TotalChapVIADeductions': '10000' }, 'TotalIncome': '310000' }, 'ITR1_TaxComputation': { 'TotalTaxPayable': '3000', 'Rebate87A': '3000', 'TaxPayableOnRebate': '0', 'EducationCess': '0', 'GrossTaxLiability': '0', 'Section89': '0', 'NetTaxLiability': '0', 'TotalIntrstPay': '0', 'IntrstPay': { 'IntrstPayUs234A': '0', 'IntrstPayUs234B': '0', 'IntrstPayUs234C': '0', 'LateFilingFee234F': '0' }, 'TotTaxPlusIntrstPay': '0' }, 'TaxPaid': { 'TaxesPaid': { 'AdvanceTax': '0', 'TDS': '0', 'TCS': '0', 'SelfAssessmentTax': '0', 'TotalTaxesPaid': '0' }, 'BalTaxPayable': '0' }, 'Refund': { 'RefundDue': '0', 'BankAccountDtls': { 'AddtnlBankDetails': [ { 'UseForRefund': 'true', 'BankAccountNo': '123445', 'IFSCCode': 'HDFC0001391', 'BankName': 'HDFC BANK, VIJAY NAGAR, JALANDHAR' } ] } }, 'Schedule80D': { 'Sec80DSelfFamSrCtznHealth': { 'SeniorCitizenFlag': 'N', 'SelfAndFamily': '0', 'HealthInsPremSlfFam': '0', 'PrevHlthChckUpSlfFam': '0', 'SelfAndFamilySeniorCitizen': '0', 'HlthInsPremSlfFamSrCtzn': '0', 'PrevHlthChckUpSlfFamSrCtzn': '0', 'MedicalExpSlfFamSrCtzn': '0', 'ParentsSeniorCitizenFlag': 'N', 'Parents': '0', 'HlthInsPremParents': '0', 'PrevHlthChckUpParents': '0', 'ParentsSeniorCitizen': '0', 'HlthInsPremParentsSrCtzn': '0', 'PrevHlthChckUpParentsSrCtzn': '0', 'MedicalExpParentsSrCtzn': '0', 'EligibleAmountOfDedn': '0' } }, 'Verification': { 'Declaration': { 'AssesseeVerName': 'Sourav Gupta', 'FatherName': 'RAVINDER SINGH', 'AssesseeVerPAN': 'ABCPC9999X' }, 'Capacity': 'S', 'Place': 'Jalandhar' } } } }
```

```
}  
}
```

4.8 submitItr API- Sample Response format

Response 1: When Submitted Successfully

```
{  
  "serviceName": "EriItrSubmit",  
  "pan": "ACEPR7859X",  
  "header": {  
    "formName": null  
  },  
  "messages": [],  
  "errors": [],  
  "arnNumber": "100156160290920",  
  "id": null,  
  "successFlag": true,  
  "transactionNo": "ITR000000004591",  
  "formPath": null,  
  "httpStatus": "ACCEPTED"  
}
```

Response 2: When error in Submit

```
{  
  "serviceName": "EriValidateItr",  
  "pan": "ACEPR7859X",  
  "header": {  
    "formName": null  
  },  
  "messages": [],  
  "errors": [  
    {  
      "errCd": "DOB_001",  
      "errFld": "ITR.ITR1.PersonalInfo.DOB",  
      "errCtg": "OTH",  
      "asPerItr": 0,  
      "asComputed": 0,  
      "variance": 0,  
      "schId": null  
    }  
  ],  
  "arnNumber": null,  
  "id": null,  
  "successFlag": false,  
  "transactionNo": null,  
  "formPath": null,
```

```
"httpStatus": null
}
```

5. API Exception Details

Scenario	Error Code	Error String	Message Type
Data in ITR is wrong	EF20001	DOB/DOI mentioned in xml does not match with DOB/DOI of logged in PAN	ERROR
Validation of value given in the request	EF20002	No Record found in user profile table	ERROR
Data in ITR is wrong	EF20003	PAN of the User in the xml/json mentioned in verification part is not same as of the User logged in. Kindly make sure both PAN are same	ERROR
Validation of value given in the request	EF20004	Invalid PAN. PAN format should be First 5 Alphabets, next 4 digits, then 1 Alphabet in Part A General Information.	ERROR
Data in ITR is wrong	EF20005	Name of the User in the xml/json mentioned in verification part is not same as name mentioned in PAN. Kindly make sure both names are same	ERROR
Data in ITR is wrong	EF20008	PAN cannot be null or empty. Please enter correct PAN	ERROR
Data in ITR is wrong	EF20009	FormName cannot be null or empty .Please enter correct FormName	ERROR
Data in ITR is wrong	EF20010	Incorrect formName	ERROR
Data in ITR is wrong	EF20011	Assessment Year cannot be null or empty	ERROR
Data in ITR is wrong	EF20027	Filing section mentioned in the return mentioned does not match with the filing Type selected	ERROR
Data in ITR is wrong	EF20029	You cannot file revised return under section 142(1)(i), 148, 153A & 153C.	ERROR

Data in ITR is wrong	EF20030	PAN mentioned in verification part of xml/json is not same as of the PAN of Principal contact mentioned under Profile. Kindly make sure both PAN are same.	ERROR
Data in ITR is wrong	EF20033	Kindly enter the acknowledgement number for original return.	ERROR
Data in ITR is wrong	EF20034	Aadhaar number entered is invalid.	ERROR
Data in ITR is wrong	EF20036	Minor cannot file the return.	ERROR
Data in ITR is wrong	EF20037	Receipt no. is mandatory.	ERROR
Data in ITR is wrong	EF20038	Invalid Receipt number. Please retry and enter correct acknowledgement number.	ERROR
Data in ITR is wrong	EF20041	PAN mentioned in the return in verification part does not match with PAN of authorized person.	ERROR
Data in ITR is wrong	EF20042	PAN mentioned in the return in verification part does not match with PAN of authorized person.	ERROR
Validation of value given in the request	EF20044	Contact person details not available.	ERROR
Data in ITR is wrong	EF20048	You are not eligible to file the revised return.	ERROR
Data in ITR is wrong	EF20049	Name" of taxpayer in ITR does not match with the "Name" as per the PAN data base."	ERROR
Data in ITR is wrong	EF20050	Name entered in ITR form does not match with the name provided in the PAN database/ Aadhaar Data Base	ERROR
Data in ITR is wrong	EF20052	IFSC under "Bank Details" is not matching with the RBI database	ERROR
Validation of value given in the request	EF20080	MimeType cannot be null	ERROR
Validation of value given in the request	EF20081	MimeType entered is not valid. Please enter a valid value	ERROR
Validation of value given in the request	EF20082	EntityType entered is not valid	ERROR
Validation of value given in the request	EF20083	CreatedBy cannot be null	ERROR

Validation of value given in the request	EF20088	FilingTypeCode cannot be null	ERROR
Validation of value given in the request	EF20089	FilingTypeCode entered is not valid	ERROR
Validation of value given in the request	EF20090	FilingMode cannot be null	ERROR
Validation of value given in the request	EF20091	FilingMode entered is not valid	ERROR
Validation of value given in the request	EF20092	IncomeTaxSecCd cannot be null	ERROR
Validation of value given in the request	EF20093	IncomeTaxSecCd entered is not valid	ERROR
Validation of value given in the request	EF20094	SubmittedBy cannot be null	ERROR
Validation of value given in the request	EF20095	SubmittedBy entered is not valid	ERROR
Data in ITR is wrong	EF20135	You are not eligible to file ITR7	ERROR
Data in ITR is wrong	EF20136	You cannot file return under section<...> as the time limit to file the return under this section is over	ERROR
When software Id is not linked with ERI	EF500059	The software Id is not linked with the ERI User	ERROR
When ERI client linkage fails	EF500058	The PAN is not a valid client for this ERI.	ERROR
When attributes are incorrect in json request data	EF20123	Invalid Request Data	ERROR
When entityNum and Pan specified in the ITR are not the same values	EF500091	The PAN mentioned in the submitted ITR is different from the logged-in PAN	ERROR
When user provides AY prior to 2021-22	EF500052	Please select correct AY. Returns can be filed through this channel starting from AY 2021-22.	ERROR