**Zambad App API Documentation**

**Base URL** - <http://localhost/Zambad/AndroidAPI/>

**Base URL Image -** http://localhost/Zambad/assets/images/image\_name.png

1. **Login API: -**
   1. URL – base url + userLogin
   2. Example - http://localhost/Zambad/AndroidAPI/userLogin
   3. Method – POST
   4. Parameters – Username, Password
   5. Description – Username will be an email id.
   6. Possible Responses –
      1. Success Student –

{

"details": {

"U\_Id": "28",

"U\_Type": "Student",

"Profile\_Pic": "",

"S\_ID": "1",

"Name": "Sagar Maher Student",

"Mobile": "8308075524",

"Email": "sagarmaher13@gmail.com",

"City": "Aurangabad",

"State": "Maharastra",

"Age": "24",

"Gender": "Male",

"Teacher\_Id": "1",

"Teacher\_Request\_Status": "Accepted",

"Enrollment\_Date": "2019-12-01",

"Total\_Sessions": "10",

"Total\_Fees": "2500.00",

"Total\_Paid ": "0.00",

"Total\_Remaining": "2500.00",

"Last\_Visit": "2019-12-02 00:00:00"

},

"success": 1,

"message": "Record found."

}

* + 1. Failed Student –

{

"details": [],

"success": 0,

"message": "Student Detail not found."

}

* + 1. Success Teacher –

{

"details": {

"U\_Id": "37",

"U\_Type": "Teacher",

"Profile\_Pic": "",

"T\_ID": "1",

"Name": "Sagar Maher Teacher",

"Mobile": "8308075524",

"Email": "sagarmaher2@gmail.com",

"City": "Aurangabad",

"State": "MAHARASHTRA",

"Age": "24",

"Gender": "Male",

"Experience": "4",

"Last\_Visit": "2019-12-01 00:00:00"

},

"success": 1,

"message": "Record found."

}

* + 1. Failed Teacher –

{

"details": [],

"success": 0,

"message": "Teacher Detail not found."

}

* + 1. Failed API Call –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "Username or Password is missing."

}

1. **Student Detail by ID: -**
   1. URL – base url + getStudentById
   2. Example - http://localhost/Zambad/AndroidAPI/getStudentById?id=1
   3. Method – GET
   4. Parameters – id
   5. Description – Student Id can be get from login API call for student. As S\_ID
   6. Possible Responses –
      1. Success –

{

"details": {

"S\_ID": "1",

"Name": "Sagar Maher Student",

"Mobile": "8308075524",

"Email": "sagarmaher13@gmail.com",

"City": "Aurangabad",

"State": "Maharastra",

"Age": "24",

"Gender": "Male",

"Teacher\_Id": "1",

"Teacher\_Request\_Status": "Accepted",

"Enrollment\_Date": "2019-12-01",

"Total\_Sessions": "10",

"Total\_Fees": "2500.00",

"Total\_Paid": "0.00",

"Total\_Remaining": "2500.00",

"Last\_Visit": "2019-12-02 00:00:00",

"U\_ID": "28",

"Profile\_Pic": ""

},

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "No ID specified."

}

1. **Student Add: -**
   1. URL – base url + addStudent
   2. Example - http://localhost/Zambad/AndroidAPI/addStudent
   3. Method – POST
   4. Parameters – **Name, Email, Password, Mobile**, Gender, Age
   5. Description – Student will get register and Student id will be given in response. Other details such as city, state, teacher id will get stored with update API call by Student Id.
   6. Possible Responses –
      1. Success –

{

"details": {

"S\_ID": "2",

"Name": "Sagar Maher",

"Mobile": "8308075524",

"Email": "sagarmaher2@yahoo.com",

"City": "",

"State": "",

"Age": "24",

"Gender": "Male",

"Teacher\_Id": "0",

"Teacher\_Request\_Status": "",

"Enrollment\_Date": "2019-12-02",

"Total\_Sessions": "0",

"Total\_Fees": "0.00",

"Total\_Paid": "0.00",

"Total\_Remaining": "0.00",

"Last\_Visit": "2019-12-02 22:08:59",

"U\_ID": "38",

"Profile\_Pic": ""

},

"success": 1,

"message": "Student Added with details in response."

}

* + 1. Failed Fields missing–

{

"details": [],

"success": 0,

"message": "All Fields Required."

}

* + 1. Failed User with same email exists –

{

"details": [],

"success": 0,

"message": "User with same email id exist in system."

}

* + 1. Failed Student Adding Failed –

{

"details": [],

"success": 0,

"message": "Adding Student Failed."

}

* + 1. Failed User Adding Failed –

{

"details": [],

"success": 0,

"message": "Adding User Failed."

}

* + 1. Failed Error while getting registered users details –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Update Student Location: -**
   1. URL – base url + updateStudentLocation
   2. Example - http://localhost/Zambad/AndroidAPI/updateStudentLocation
   3. Method – POST
   4. Parameters – **City, State, S\_ID**
   5. Description – Student State and city updation.
   6. Possible Responses –
      1. Success –

{

"success": 1,

"message": "Student Location Details Updated."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Student Location Update Failed."

}

1. **Teacher Detail by ID: -**
   1. URL – base url + getTeacherById
   2. Example - http://localhost/Zambad/AndroidAPI/getTeacherById?id=1
   3. Method – GET
   4. Parameters – id
   5. Description – Teacher Id can be get from the list of teachers and teacher\_id from student response. As T\_ID
   6. Possible Responses –
      1. Success –

{

"details": {

"T\_ID": "1",

"Name": "Sagar Maher Teacher",

"Mobile": "8308075524",

"Email": "sagarmaher2@gmail.com",

"City": "Aurangabad",

"State": "MAHARASHTRA",

"Age": "24",

"Gender": "Male",

"Experience": "4",

"Teacher\_Fees": "2500.00",

"Last\_Visit": "2019-12-01 00:00:00",

"U\_ID": "37",

"Profile\_Pic": ""

},

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "No ID specified."

}

1. **Teacher Records by City, State: -**
   1. URL – base url + getTeacherByStateCity
   2. Example - <http://localhost/Zambad/AndroidAPI/getTeacherByStateCity?state=MAHARASHTRA&city=Aurangabad>
   3. Method – GET
   4. Parameters – id
   5. Description – List teacher will be given based on selected city, state.
   6. Possible Responses –
      1. Success –

{

"details": {

"T\_ID": "1",

"Name": "Sagar Maher Teacher",

"Mobile": "8308075524",

"Email": "sagarmaher2@gmail.com",

"City": "Aurangabad",

"State": "MAHARASHTRA",

"Age": "24",

"Gender": "Male",

"Experience": "4",

"Teacher\_Fees": "2500.00",

"Last\_Visit": "2019-12-01 00:00:00",

"U\_ID": "37",

"Profile\_Pic": ""

},

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "Required fields missing."

}

1. **Send Request to Teacher for join: -**
   1. URL – base url + requestTeacher
   2. Example - http://localhost/Zambad/AndroidAPI/requestTeacher
   3. Method – POST
   4. Parameters – **S\_ID, T\_ID**
   5. Description – Student ID and Teacher ID.
   6. Possible Responses –
      1. Success –

{

"success": 1,

"message": "Student Teacher Details Updated."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Student Teacher Request Failed."

}

1. **Session Records by Student ID: -**
   1. URL – base url + getSessionsByStudentId
   2. Example - <http://localhost/Zambad/AndroidAPI/getSessionsByStudentId?S_ID=1>
   3. Method – GET
   4. Parameters – S\_ID
   5. Description – List of session by student id.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"Session\_ID": "1",

"Title": "Test 1",

"Description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur sollicitudin commodo dapibus.",

"Session\_Status": "Complete"

},

{

"Session\_ID": "2",

"Title": "Test 2",

"Description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur sollicitudin commodo dapibus. Integer nec blandit tortor. Donec lorem ex, vehicula tincidunt mollis blandit, tempus at tellus. Vivamus nec venenatis tellus, in tempor odio.",

"Session\_Status": "Pending"

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "Student ID Missing."

}

1. **Session Detail by ID: -**
   1. URL – base url + getSessionById
   2. Example - http://localhost/Zambad/AndroidAPI/getSessionById?id=1
   3. Method – GET
   4. Parameters – id
   5. Description – get session details by session id.
   6. Possible Responses –
      1. Success –

{

"details": {

"ST\_ID": "1",

"Session\_ID": "1",

"Title": "Test 1",

"Description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur sollicitudin commodo dapibus. Integer nec blandit tortor. Donec lorem ex, vehicula tincidunt mollis blandit, tempus at tellus. Vivamus nec venenatis tellus, in tempor odio. Cras in quam eu sem dictum gravida."

},

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "No ID specified."

}

1. **Get Videos: -**
   1. URL – base url + getVideos
   2. Example - <http://localhost/Zambad/AndroidAPI/getVideos>
   3. Method – GET
   4. Parameters –
   5. Description – List of videos.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"V\_ID": "1",

"Title": "Redmi K30",

"Video\_URL": "https://www.youtube.com/watch?v=NvloqXv7ZIw"

},

{

"V\_ID": "2",

"Title": "Redmi K30+",

"Video\_URL": "https://www.youtube.com/watch?v=NvloqXv7ZIw"

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Payment Records by Student ID: -**
   1. URL – base url + getPaymentsByStudentId
   2. Example - <http://localhost/Zambad/AndroidAPI/getPaymentsByStudentId?S_ID=1>
   3. Method – GET
   4. Parameters – S\_ID
   5. Description – List of payment by student id.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"P\_ID": "1",

"Payment\_Date": "2019-12-01 00:00:00",

"Amount": "500.00",

"Payment\_Status": "Complete"

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

* + 1. Failed Fields missing –

{

"details": [],

"success": 0,

"message": "Student ID Missing."

}

1. **Get States: -**
   1. URL – base url + getStates
   2. Example - <http://localhost/Zambad/AndroidAPI/getStates>
   3. Method – GET
   4. Parameters –
   5. Description – List of all states.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"ID": "1",

"Name": "ANDAMAN AND NICOBAR ISLANDS"

},

{

"ID": "2",

"Name": "ANDHRA PRADESH"

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Get Cities by State: -**
   1. URL – base url + getCityByState
   2. Example - <http://localhost/Zambad/AndroidAPI/getCityByState>
   3. Method – GET
   4. Parameters – State\_Name
   5. Description – List of all cities by State name.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"ID": null,

"Name": "Ahmednagar",

"State\_Name": "MAHARASHTRA"

},

{

"ID": null,

"Name": "Akola",

"State\_Name": "MAHARASHTRA"

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Get Students by Teacher ID Accepted: -**
   1. URL – base url + getStudentByTeacherIdAccepted
   2. Example - <http://localhost/Zambad/AndroidAPI/getStudentByTeacherIdAccepted>
   3. Method – GET
   4. Parameters – T\_ID
   5. Description – List of student whose request is **Accepted** by teacher currently login.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"S\_ID": "1",

"Name": "Sagar Maher Student",

"Mobile": "8308075524",

"Email": "sagarmaher13@gmail.com",

"City": "Aurangabad",

"State": "Maharashtra",

"Age": "24",

"Gender": "Male",

"Teacher\_Id": "1",

"Teacher\_Request\_Status": "Accepted",

"Enrollment\_Date": "2019-12-01",

"Total\_Sessions": "10",

"Total\_Fees": "2500.00",

"Total\_Paid": "0.00",

"Total\_Remaining": "2500.00",

"Last\_Visit": "2019-12-02 00:00:00",

"U\_ID": "28",

"Profile\_Pic": ""

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed Field is missing –

{

"details": [],

"success": 0,

"message": "Teacher ID is Missing."

}

* + 1. Failed No records found –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Get Students by Teacher ID Pending: -**
   1. URL – base url + getStudentByTeacherIdPending
   2. Example - <http://localhost/Zambad/AndroidAPI/getStudentByTeacherIdPending>
   3. Method – GET
   4. Parameters – T\_ID
   5. Description – List of student whose request is **Pending** for currently login teacher.
   6. Possible Responses –
      1. Success –

{

"details": [

{

"S\_ID": "2",

"Name": "Sagar Maher",

"Mobile": "8308075524",

"Email": "sagarmaher2@yahoo.com",

"City": "Aurangabad",

"State": "Maharashtra",

"Age": "24",

"Gender": "Male",

"Teacher\_Id": "1",

"Teacher\_Request\_Status": "Pending",

"Enrollment\_Date": "2019-12-02",

"Total\_Sessions": "0",

"Total\_Fees": "0.00",

"Total\_Paid": "0.00",

"Total\_Remaining": "0.00",

"Last\_Visit": "2019-12-02 22:08:59",

"U\_ID": "38",

"Profile\_Pic": ""

}

],

"success": 1,

"message": "Record found."

}

* + 1. Failed Field is missing –

{

"details": [],

"success": 0,

"message": "Teacher ID is Missing."

}

* + 1. Failed No records found –

{

"details": [],

"success": 0,

"message": "No Record found."

}

1. **Send Session Completion OTP: -**
   1. URL – base url + sessionCompleteInitiate
   2. Example - http://localhost/Zambad/sessionCompleteInitiate
   3. Method – POST
   4. Parameters – **ST\_ID**
   5. Description – **ST\_ID** can be get from sessionbystudentid. Student Session status will be change to **OTP Sent** from **Pending**.
   6. Possible Responses –
      1. Success –

{

"success": 1,

"message": "OTP Sent on Students Mobile."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Sending OTP Failed."

}

1. **Verify Session Completion OTP: -**
   1. URL – base url + sessionCompleteVerify
   2. Example - http://localhost/Zambad/sessionCompleteVerify
   3. Method – POST
   4. Parameters – **ST\_ID, OTP**
   5. Description – **ST\_ID** can be get from sessionbystudentid. Student Session status will be change to **Complete** from **OTP Sent**. Teacher will acquire OTP from student manually.
   6. Possible Responses –
      1. Success –

{

"success": 1,

"message": "OTP Verified."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Incorrect OTP."

}

1. **Send Payment OTP: -**
   1. URL – base url + paymentInitiate
   2. Example - http://localhost/Zambad/paymentInitiate
   3. Method – POST
   4. Parameters – **S\_ID, Amount**
   5. Description – **S\_ID** is selected students id. And amount is payment value teacher enters. Payment ID will be sent in response with Status “**OTP Sent**”
   6. Possible Responses –
      1. Success –

{

"P\_ID": 7,

"success": 1,

"message": "OTP Sent on Students Mobile."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed operation –

{

"success": 0,

"message": "Payment Entry Failed."

}

* + 1. Failed operation –

{

"success": 0,

"message": "Student Not Found."

}

1. **Verify Payment Completion OTP: -**
   1. URL – base url + paymentVerify
   2. Example - http://localhost/Zambad/paymentVerify
   3. Method – POST
   4. Parameters – **P\_ID, OTP**
   5. Description – **P\_ID** can be get from payment list or in response of Payment OTP sending. Student Payment status will be change to **Complete** from **OTP Sent**. Teacher will acquire OTP from student manually. Student balance will get updated.
   6. Possible Responses –
      1. Success –

{

"success": 1,

"message": "OTP Verified and Student Balance Updated."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Incorect OTP operation –

{

"success": 0,

"message": "Incorrect OTP."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Student Balance Update Failed."

}

1. **Accept or Reject Student Request: -**
   1. URL – base url + updateStudentRequest
   2. Example - <http://localhost/Zambad/updateStudentRequest>
   3. Method – POST
   4. Parameters – **S\_ID, T\_ID, Status**
   5. Description – **S\_ID –** id of selected student, T\_ID – id of currently login teacher, Status – **Accepted** or **Rejected** base on teacher selection. In case of Accepted students fees and session details will get updated. And in case of Rejected students teacher id and teacher acceptance status will get clear so student can apply again.
   6. Possible Responses –
      1. Success Rejected –

{

"success": 1,

"message": "Student Request Rejected."

}

* + 1. Success Accepted –

{

"success": 1,

"message": "Student Request Accepted."

}

* + 1. Failed Fields missing–

{

"success": 0,

"message": "Required Fields are missing."

}

* + 1. Failed Teacher ID not found –

{

"success": 0,

"message": "Teacher details not found."

}

* + 1. Failed Update operation –

{

"success": 0,

"message": "Request Update Failed."

}

* + 1. Failed unexpected status value pass–

{

"success": 0,

"message": "Unexpected Status value."

}