# **Issue Tracking Tool - APIs**

**1 . API : api/signup**

**Type: POST**

**Description:** This api does:-

* Sign Up User in their sign up account.
* User must enter the required fields mentioned below to sign up.

**Input Fields:-**

* email (required)
* password (required)

**Success msg:-**

{ "token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOjE1NTc0ODA5MjY4NzIsInVzZXJfaWQiOiI1Y2NjMGI1ZTYwYTMxNzA2YjRlZmFmMDQifQ.eRWjUwN75-fCgpWzfF3oPAu5L7b0Z9MwE-iAd0IsyHg",

"expires": 1557480926872,

"user\_id": "5ccc0b5e60a31706b4efaf04"

}

**Error msg:-**

.**Issue 1:**

{

"error": true,

"message": "email, username or password was not provided",

"status": 400,

"data": null

}

**Issue 2:**

{

"error": true,

"message": "provided email is not valid",

"status": 400,

"data": null

}

**Issue 3:**

{

"error": true,

"message": "User already exist with this email",

"status": 409,

"data": null

}

**2**.**. API : api/login**

**Type: POST**

**Description:** This api does:-

* You must enter signup details and hit to login.
* Required details are mentioned below and you may use their email at the place of username or vice-versa.

.

**Input Fields:-**

* username(email or username) (required)
* password (required)

**Success msg:-**

{

"token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOjE1NTc0ODA5NDgzNTIsInVzZXJfaWQiOiI1Y2NjMGI1ZTYwYTMxNzA2YjRlZmFmMDQifQ.2N4hFDRV4-m1ozgUyYdoGVRT2dEuOAEre2fLhxzFoBc",

"expires": 1557480948352,

"user\_id": "5ccc0b5e60a31706b4efaf04"

}

**Error msg:-**

. **Issue 1:**

{

"error": true,

"message": "Invalid credentials",

"status": 401,

"data": null

}

. **Issue 2:**

{

"error": true,

"message": "Please Enter Your Password",

"status": 400,

"data": null

}

**3. API : api/v1/issue**

**Type: POST**

**Description:** This api does:-

* Reporters can create issue using this url.

.

**Input Fields:-**

* status (required)
* title (required)

**Success msg:-**

{

"error": false,

"message": "issue created successfully",

"status": "200",

"data": []

}

**Error msg:-**

**Issue 1:**

.{

"error": true,

"message": "title was not provided",

"status": 400,

"data": null

}

**Issue 2:**

{

"error": true,

"message": "Invalid Token",

"status": 401,

"data": null

}

**4. API : api/v1/issue**

**Type: GET**

**Description:** This api does:-

* Get all contents of an issue

**Success msg:-**

{

"error": false,

"message": "get all issues data",

"status": "200",

"data": [

{

"\_id": "5ccc0b9060a31706b4efaf05",

"status": "pending",

"title": "okok1",

"reporter": "5ccc0b5e60a31706b4efaf04",

"date": "2019-05-03T09:36:16.572Z",

"created\_on": "2019-05-03T09:36:16.572Z",

"updated\_on": "2019-05-03T09:36:16.573Z",

"\_\_v": 0

}

]

}

**Error msg:-**

{

"error": true,

"message": "Invalid Token",

"status": 401,

"data": null

}

**5. API : /api/v1/issue/:id**

**Type: PUT**

**Description:** This api does:-

* Updating & Upgrading an issue at particular issue id in API

**Success msg:-**

{

"error": false,

"message": "Issue Updated Successfully",

"status": 200,

"data":

{

"\_id": "5ccc0b9060a31706b4efaf05",

"status": "status 1223",

"title": "title 1aaaaa",

"reporter": "5ccc0b5e60a31706b4efaf04",

"date": "2019-05-03T09:36:16.572Z",

"created\_on": "2019-05-03T09:36:16.572Z",

"updated\_on": "2019-05-03T09:36:16.573Z",

"\_\_v": 0

}

}

**6. API : /api/v1/issue/:id**

**Type: GET**

**Description:** This api does:-

* To get an individual issue by issue id

**7. API : /api/v1/issue/comment/:issue\_id**

**Type: POST**

**Description:** This api does:-

* To insert comments in issue with required fields given below.

**Input Fields:-**

* issue\_id (required)
* comment (required)

**8. API : /api/v1/issue/assign/:issue\_id**

**Type: PUT**

**Description:** This api does:-

* To Add & Update assignee to an issue you must need to input issue id and assignee.

**Input Fields:-**

* issue\_id (required)
* assignee (required)

**9. API : /api/v1/issue/assign/:issue\_id**

**Type: DELETE**

**Description:** This api does:-

* Remove assignee from the issue for whom they were assigned.

**Input Fields:-**

* issue\_id (required)
* assignee (required)

**10. API : /api/v1/issue/watcher/:issue\_id**

**Type: PUT**

**Description:** This api does:-

* To Add watcher to an issue with required fields issue\_id and watcher.

**Input Fields:-**

* issue\_id (required)
* watcher (required)

**11. API : /api/v1/issue/watcher/:issue\_id**

**Type: DELETE**

**Description:** This api does:-

* Remove watcher from an issue using required fields given below.

**Input Fields:-**

* issue\_id (required)
* watcher (required)

**12. API : /api/v1/issue/assignees/:issue\_id**

**Type: GET**

**Description:** This api does:-

* To Get all assignees those were assigned for an issue using issue\_id.

**Input Fields:-**

* issue\_id (required)

**13. API : /api/v1/issue/watchers/:issue\_id**

**Type: GET**

**Description:** This api does:-

* To Get All watchers using issue\_id from this API.

**Input Fields:-**

* issue\_id (required)

**14. API : /api/v1/issue/comments/:issue\_id**

**Type: GET**

**Description:** This api does:-

* To Get all comments from an issue using issue\_id.

**Input Fields:-**

* issue\_id (required)

**15. API : /api/v1/issue/comment/:comment\_id**

**Type: DELETE**

**Description:** This api does:-

* To Remove comment from an issue with required field comment\_id.

**Input Fields:-**

* comment\_id (required)