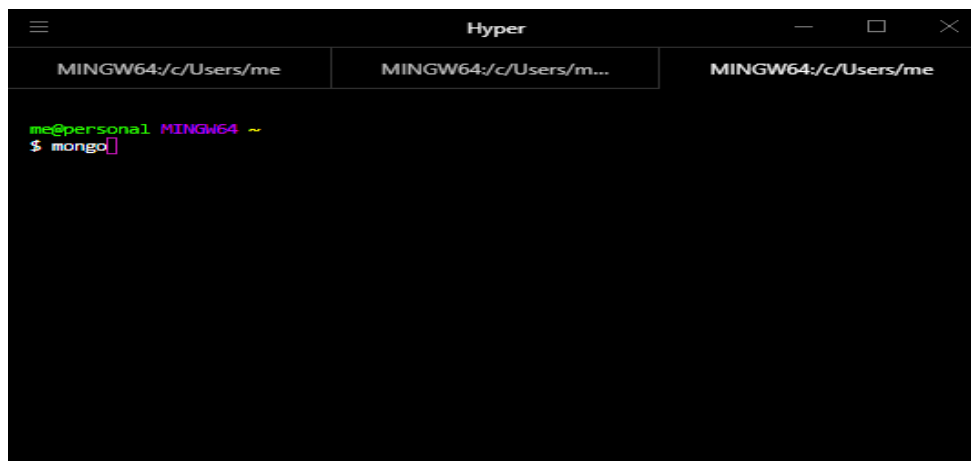


Documentation of setup and working of the application

Bug tracker project is a fully functional built in Node.js (MongoDB) developed by **Backbenchers**

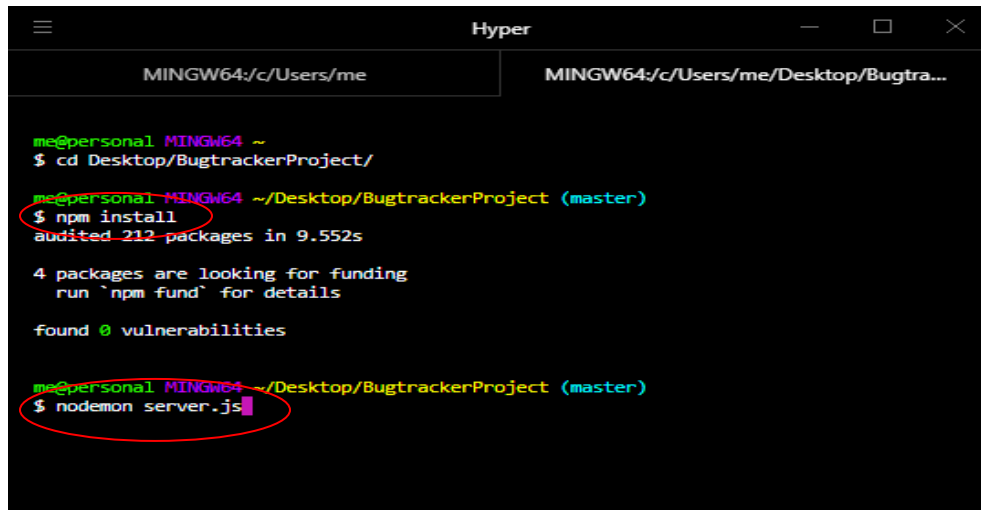
Technical

- Written in [Node.js](#)
- [MongoDB](#) storage
- Use the command 'mongo' to start the mongo database (we recommend to use the command in '[hyper](#)').



- Open new tab and use the commands 'npm install' which is used to publish, discover, install, and develop node programs, and 'nodemon server.js' to start the server.

Documentation of setup and working of the application



The screenshot shows a terminal window titled 'Hyper' with two tabs. The active tab is 'MINGW64:/c/Users/me/Desktop/Bugtra...'. The terminal output shows the following commands and results:

```
me@personal MINGW64 ~  
$ cd Desktop/BugtrackerProject/  
me@personal MINGW64 ~/Desktop/BugtrackerProject (master)  
$ npm install  
audited 212 packages in 9.552s  
  
4 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
  
me@personal MINGW64 ~/Desktop/BugtrackerProject (master)  
$ nodemon server.js
```

In the original image, the commands `$ npm install` and `$ nodemon server.js` are circled in red.

- After opening the website if you are a new user register with your credentials, or if you are already a user then login with your credentials.


In this Bug tracking website we have three roles for the user.

- Developer
- Manager
- Tester

Documentation of setup and working of the application

After login into the website you can see the whole bug lists which are there in the website.

Bug Tracker

Home About us 

Add Issue

All Issued Bugs

Issue Status :

Awaiting Validation

Valid

Invalid

To Be Done

In Progress

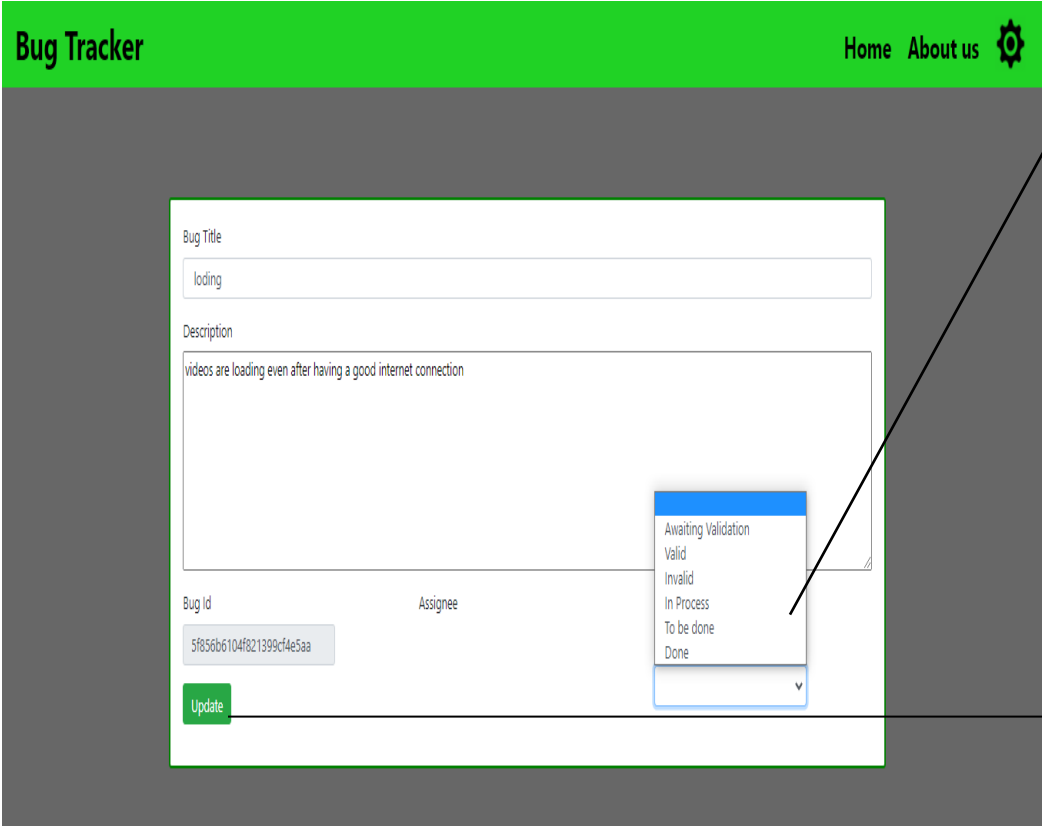
Done

Bug Title	Description	Status
downloading bug	unable to download any packages	Awaiting Validation
finding	unable to find the related things even after entering the valid things	In Progress
loading	videos are loading even after having a good internet connection	To Be Done
logout	after completing the work i am unable to logout even after pressing on the logout button	Done
Missing command errors	cannot close a pop-up window without performing some actions, even if you don't want to.	Invalid
force stop	kicked out of the website while working on the website	Valid
registration bug	able to register with same mail id more than ones	Done

Documentation of setup and working of the application

Developer:

As a developer you cannot add new bugs but you can change the status of the bug and update the bug



The screenshot displays the 'Bug Tracker' application interface. At the top, there is a green header bar with the text 'Bug Tracker' on the left and 'Home About us' with a gear icon on the right. Below the header, the main content area has a dark gray background. A white form is centered on the page, containing the following fields:

- Bug Title:** A text input field with the value 'loading'.
- Description:** A text area with the value 'videos are loading even after having a good internet connection'.
- Bug Id:** A text input field with the value '5f856b6104f821399c4e5aa'.
- Assignee:** A text input field that is currently empty.
- Status:** A dropdown menu with the following options: 'Awaiting Validation', 'Valid', 'Invalid', 'In Process', 'To be done', and 'Done'. The dropdown is currently open, showing these options.
- Update:** A green button located at the bottom left of the form.

Two arrows point from the text on the right to the status dropdown menu and the 'Update' button.

You can change the bug status here

After changing the status of the bug you can update

Documentation of setup and working of the application

Bug Tracker

Home About us ⚙

Add Issue

All Issued Bugs

Issue Status :

Awaiting Validation

Valid

Invalid

To Be Done

In Progress

Done

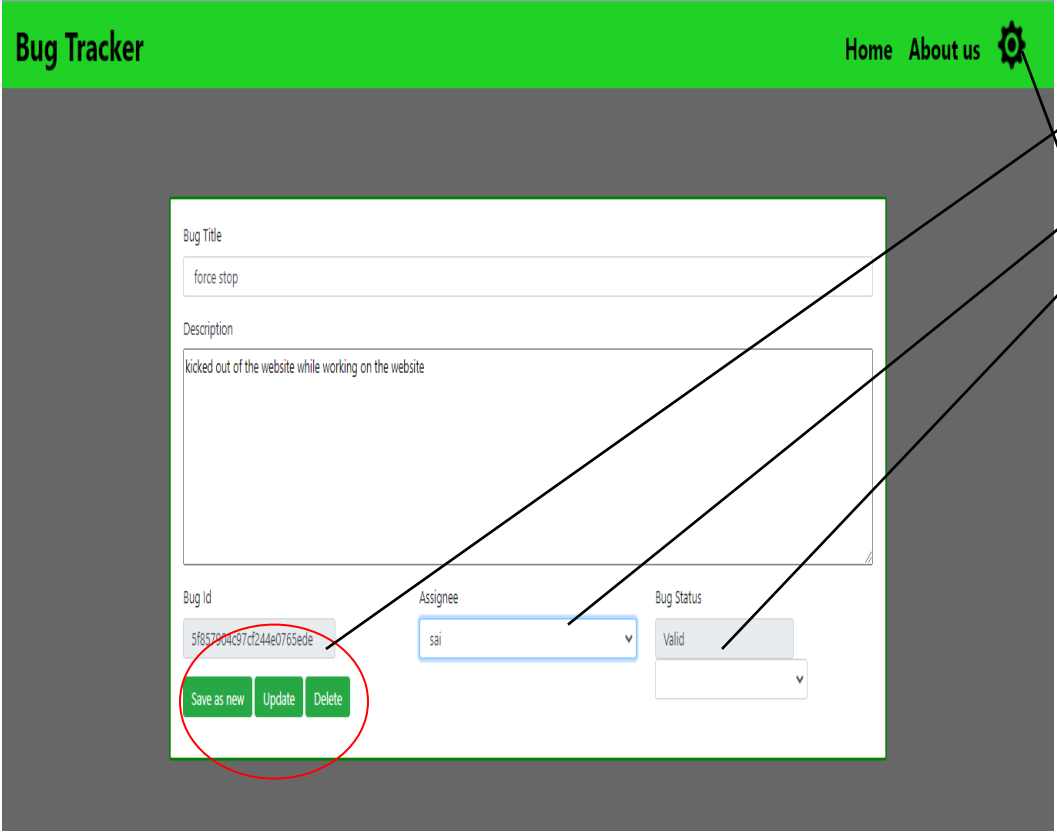
Bug Title	Description	Status
downloading bug	unable to download any packages	Awaiting Validation
finding	unable to find the related things even after entering the valid things	In Progress
loading	videos are loading even after having a good internet connection	To Be Done
logout	after completing the work i am unable to logout even after pressing on the logout button	Done
Missing command errors	cannot close a pop-up window without performing some actions, even if you don't want to.	Invalid
force stop	kicked out of the website while working on the website	Valid
registration bug	able to register with same mail id more than ones	Done

- Later you can see the bug list by the status of the bug

Documentation of setup and working of the application

Manager:

As a Manager you can add the new bugs or update the bugs and can delete the bugs, assign them to the testers, and can change the status of the bug.



The screenshot shows the 'Bug Tracker' application interface. The header is green with the text 'Bug Tracker' and links for 'Home' and 'About us', along with a settings gear icon. The main form contains fields for 'Bug Title' (with the text 'force stop'), 'Description' (with the text 'kicked out of the website while working on the website'), 'Bug Id' (with a long alphanumeric string), 'Assignee' (a dropdown menu showing 'sai'), and 'Bug Status' (a dropdown menu showing 'Valid'). At the bottom of the form are three green buttons: 'Save as new', 'Update', and 'Delete'. A red circle highlights these buttons. Arrows point from the 'Save as new', 'Update', and 'Delete' buttons to the first three bullet points on the right. An arrow points from the settings gear icon to the fourth bullet point.

- You can save as new bug or update or delete the bug
- You can assign to the testers
- You can change the status of the bug
- In settings Manager can see who are the people working on the bugs and can delete any accounts.

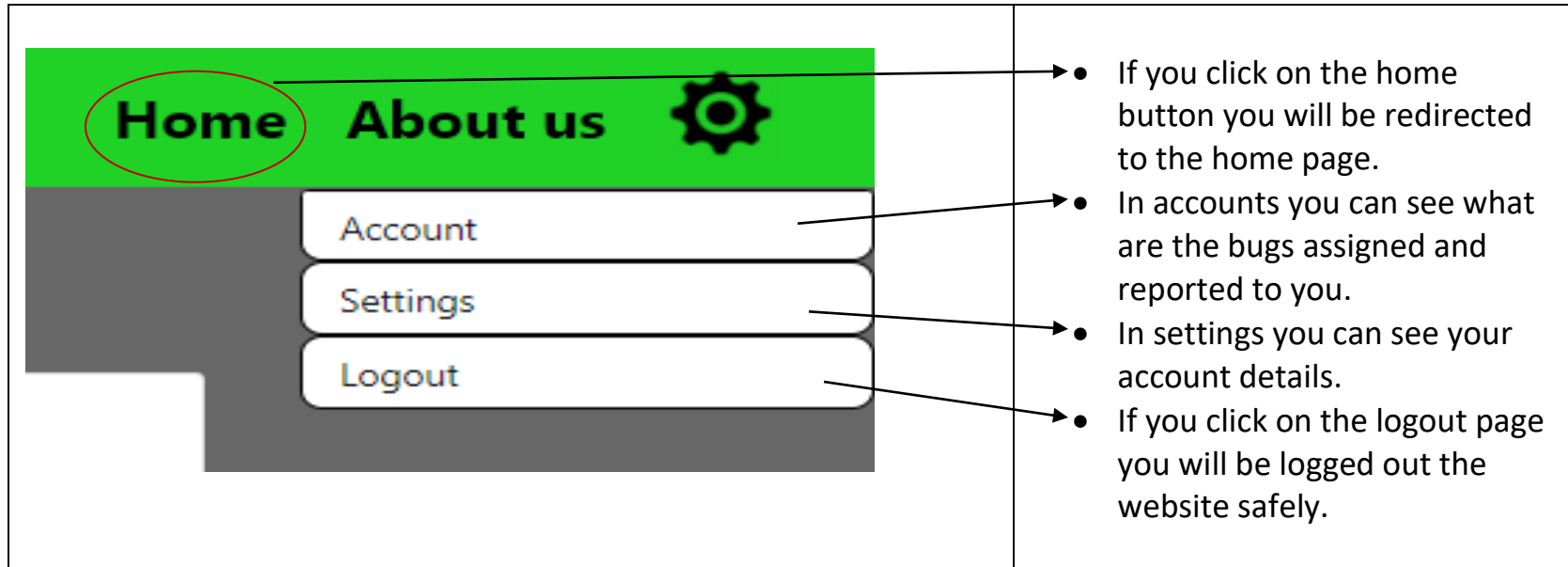
Tester:

The screenshot shows the Bug Tracker application interface. At the top, there is a green header bar with the text "Bug Tracker" on the left and "Home About us" with a gear icon on the right. Below the header, the main content area has a dark gray background. On the left side of this area, there is a sidebar with several buttons: "Add Issue", "All Issued Bugs", "Issue Status :", "Awaiting Validation", "Valid", "Invalid", "To Be Done", "In Progress", and "Done". The "Issue Status :" button is currently selected and highlighted in green. To the right of the sidebar, there is a table with three columns: "Bug Title", "Description", and "Status". The table contains the following data:

Bug Title	Description	Status
downloading bug	unable to download any packages.	
finding	unable to find the related things even after entering the valid things	In Progress
loading	videos are loading even after having a good internet connection	To Be Done
logout	after completing the work i am unable to logout even after pressing on the logout button	Done
Missing command errors	cannot close a pop-up window without performing some actions, even if you don't want to.	Invalid
force stop	kicked out of the website while working on the website.	Valid
registration bug	able to register with same mail id more than ones	Done

- As a Tester you can see the bugs reported by you and you can update the bug but cannot assign or change the status of the bug.

Settings:



Thank you.

@Backbenchers.