



BYTE PRO

An Online Version Control and Collaborative Work Management System



User Manual

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BYTE PRO

User Manual Report

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Institute of Information Technology, University of Dhaka

Submitted by

Chinmoy Acharjee (BSSE 0819)

Sabik Abtahee (BSSE 0829)

BSSE Session: 2015-2016

Supervised by

B M Mainul Hossain

Associate Professor,

Institute of Information Technology,

University of Dhaka



Institute of Information Technology

University of Dhaka

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Chapter 1: User Manual

This user manual contains all the information including all sorts of pre installation requirements and the procedures of how a user will use the project.

Requirements:

OS: Windows (Windows 10 preferable) or Linux (Latest Version preferable)

Framework: Django Python Web-framework, version: 1.11.8

Database: MySQL, version: 5.7

Compiler: Python

Setup Process:

1. Install Python version 3.6.x
2. 'PIP' install
3. 'Virtual Environment' install
4. Activate 'Virtual Env'
5. In 'Virtual Env', install Django, version 1.11.8
6. Install 'MySQL', version 5.7
7. Connect 'MySQL' database in Django project settings.
8. Install 'MySQL client', 'passlib' and 'multiselectfield'
9. Use command line or python console to run the project

1.1 Authentication:

First of all, to use the project or to use 'BYTE-PRO', the user needs to sign-up into the system. To sign-up user needs to provide this credentials given below:

- Username
- Email
- Password

All this credentials should be valid. Otherwise the system will not allow the user to sign-up into the system. The sign-up view page is given below.

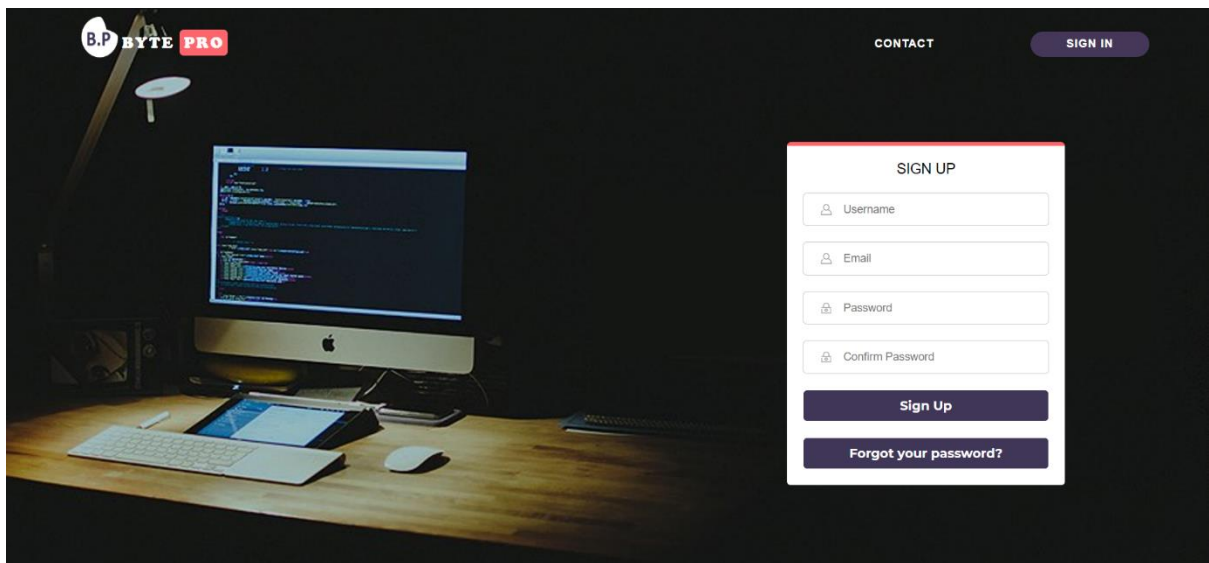


Figure 1: Sign-Up view

After clicking the sign-up button the user will show this page given below.

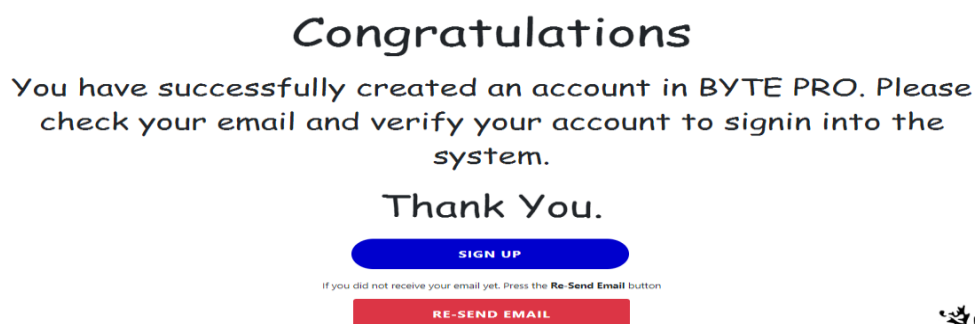


Figure 2: Sign-Up view (2)

If all the credentials are valid then an email with an activation link will be sent to user email to activate the account. After entering into the link the system will show the following view,

Congratulations

Your account is verified . Go to sign in page to signin into your account.

Thank You.

SIGN IN



Figure 3: Sign-Up view (3)

Now user can sign-in into the system by clicking 'SIGN-IN' button. The user will show this view given below.

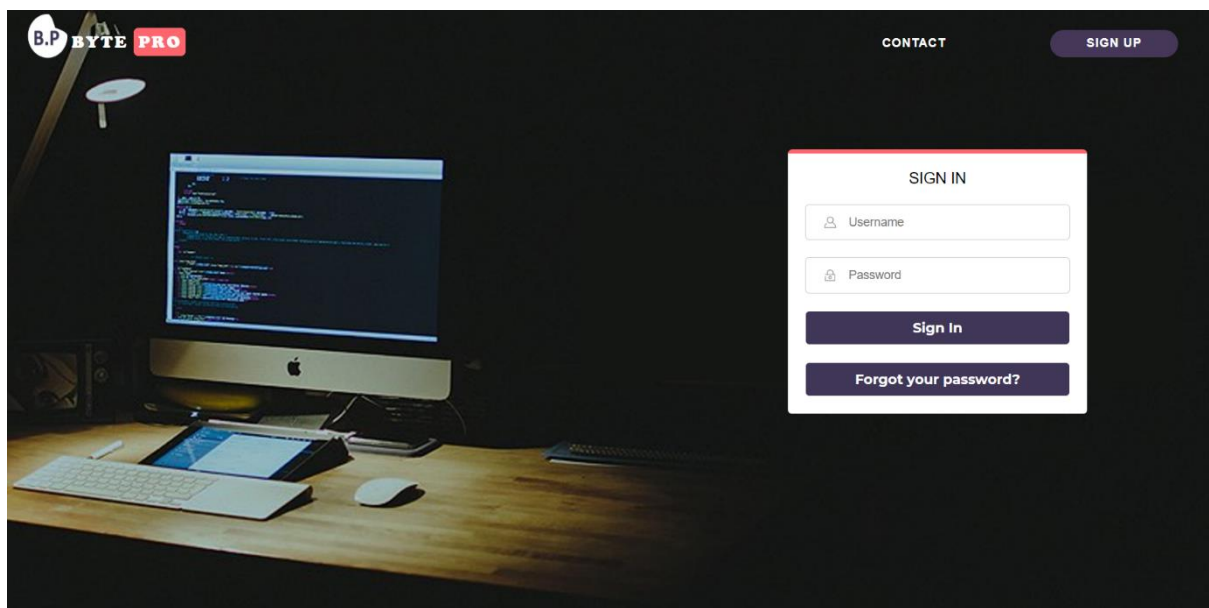


Figure 4: Sign-in view

To sign-in into the system, the user needs to provide username and password.

To recover lost or forgotten account, user needs to provide her/his email. Then an email will be sent to that particular user. After clicking the link user will show a page where the system asks to enter new password. If the user do not get the email, he has the option for resend the email again.

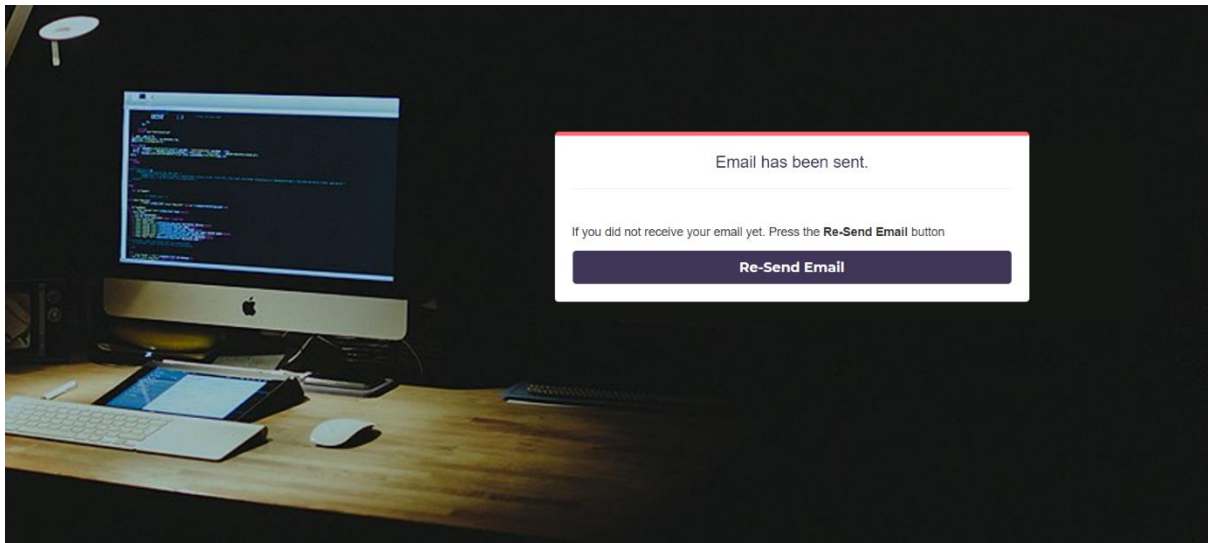


Figure 5: Password Recovery View (1)

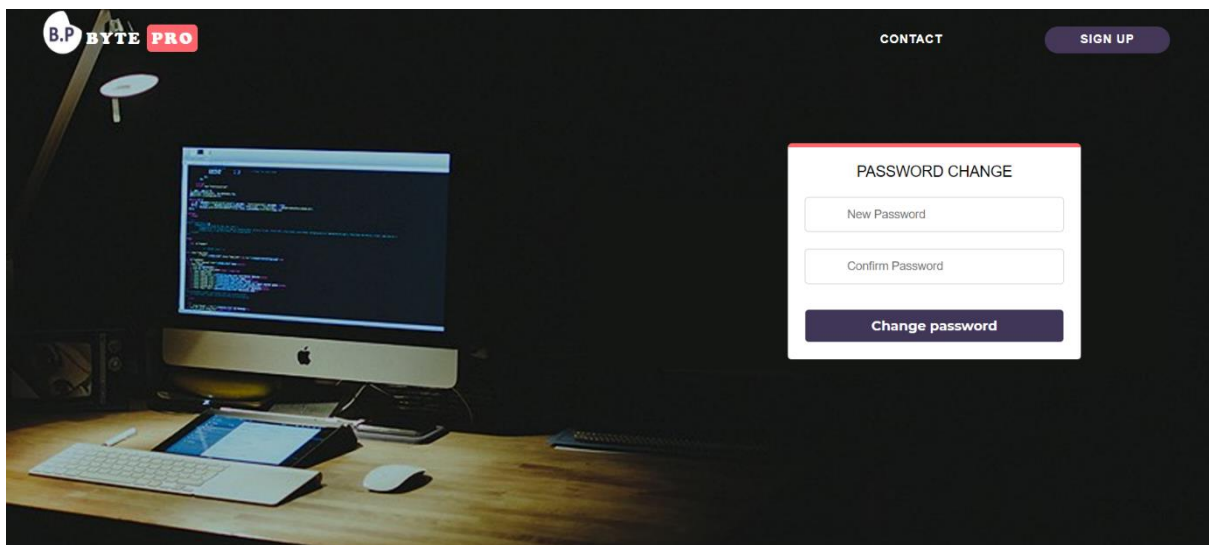


Figure 6: Password Recovery View (2)

1.2 Home

After successfully sign-in into the system the user will show a home page.

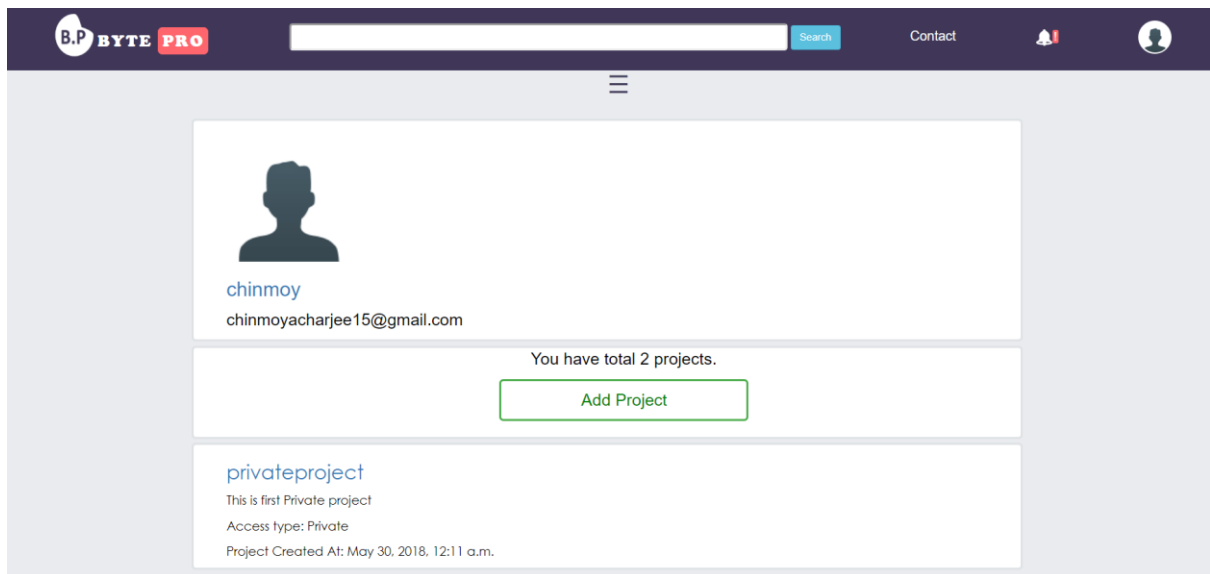


Figure 7: Home Page

User can change her/ his personal information. To do that user has to go to profile management page by clicking the button at top right corner.

Then there appears this page.

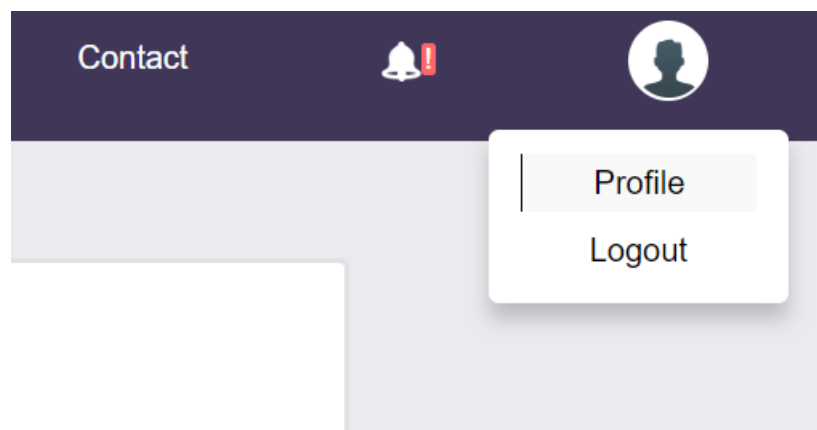



Figure 8: Profile view (how to go)

1.3 Profile Management

B.P. BYTE PRO

Search Contact



Browse

USERNAME chinmoy

EMAIL chinmoyacharjee15@gmail.com

NAME

BIOGRAPHY

SKILLTAGS

Old Password

New Password

Confirm Password

SAVE

Figure 9: Profile view (main page)

Here the user can change her/his personal information such as,

- Name
- Biography
- Skill-Tags
- Password

1.4 Project

User can add project. To add project user needs to go 'Add-Project page' from homepage.

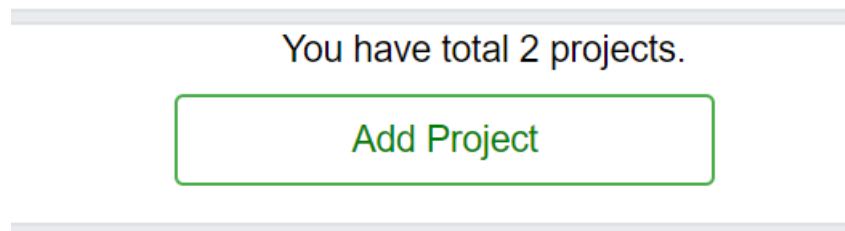


Figure 10: Add- Project (How to go)

After clicking the add project button the following page will appear.

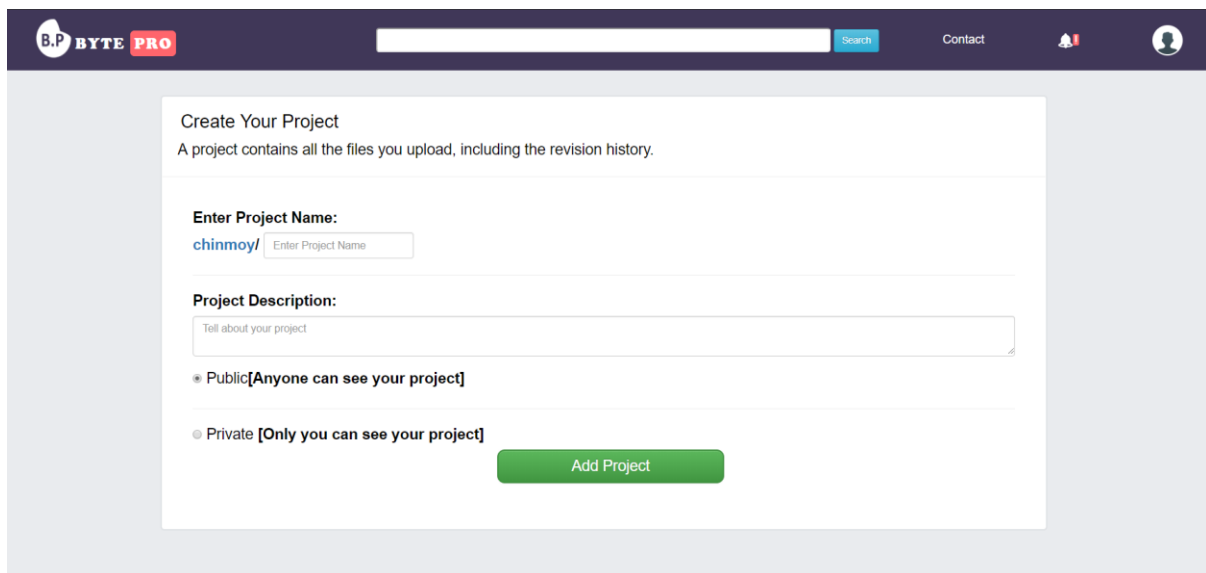
A screenshot of a web application interface. At the top is a dark purple header with the logo "B.P. BYTE PRO" on the left, a search bar in the center, and "Contact", a notification bell, and a user profile icon on the right. Below the header is a white form titled "Create Your Project" with the subtitle "A project contains all the files you upload, including the revision history." The form has three main sections: "Enter Project Name:" with a text input field containing "chinmoy" and a placeholder "Enter Project Name"; "Project Description:" with a large text area containing the placeholder "Tell about your project"; and a section for project visibility with two radio buttons: "Public [Anyone can see your project]" (which is selected) and "Private [Only you can see your project]". At the bottom right of the form is a green "Add Project" button.

Figure 11: Add- Project (How to go)

User needs to provide valid credentials to add new project.

1. A project name without space
2. Project name should be unique

User can create private or public project. Private project will not be accessed by other user.

After creating the project the user will show this page.

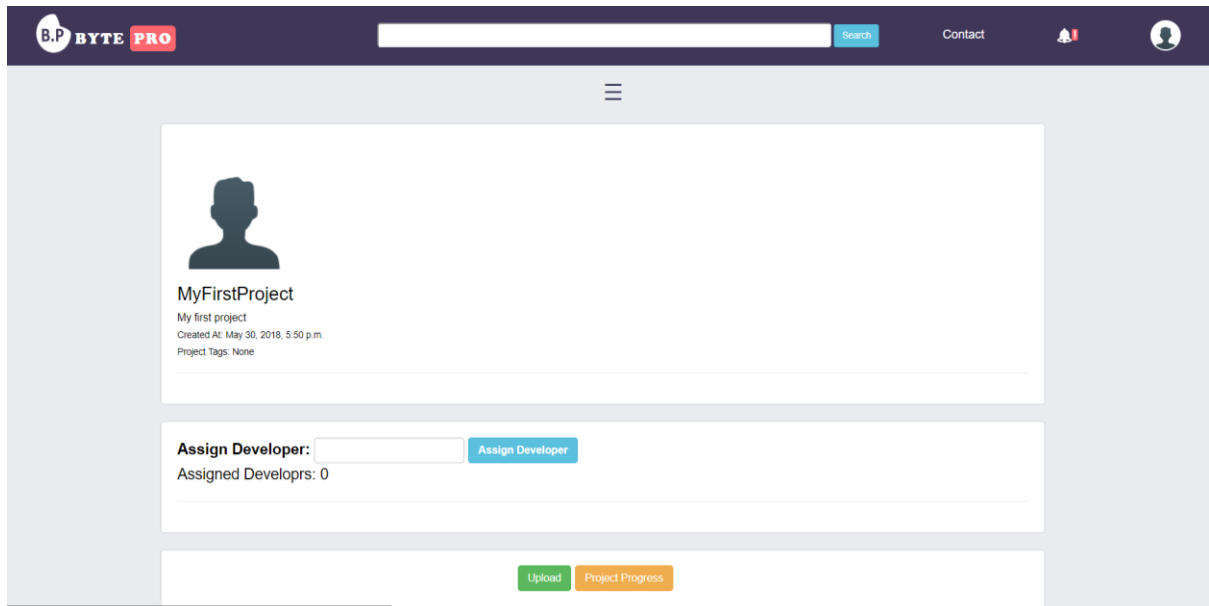


Figure 12: Project Details View

Here the user will have the option for assigning developers, upload new files, show project progress etc.

To assign new developer to the project, the user has to provide the username of that developer.

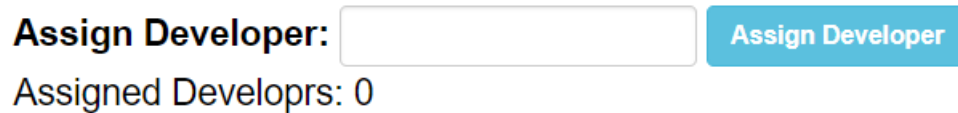


Figure 13: Assigning Developer (How to do)

User can upload file by clicking 'Upload' button.



Figure 14: Upload files (How to do)

After clicking the button the user will show this page.

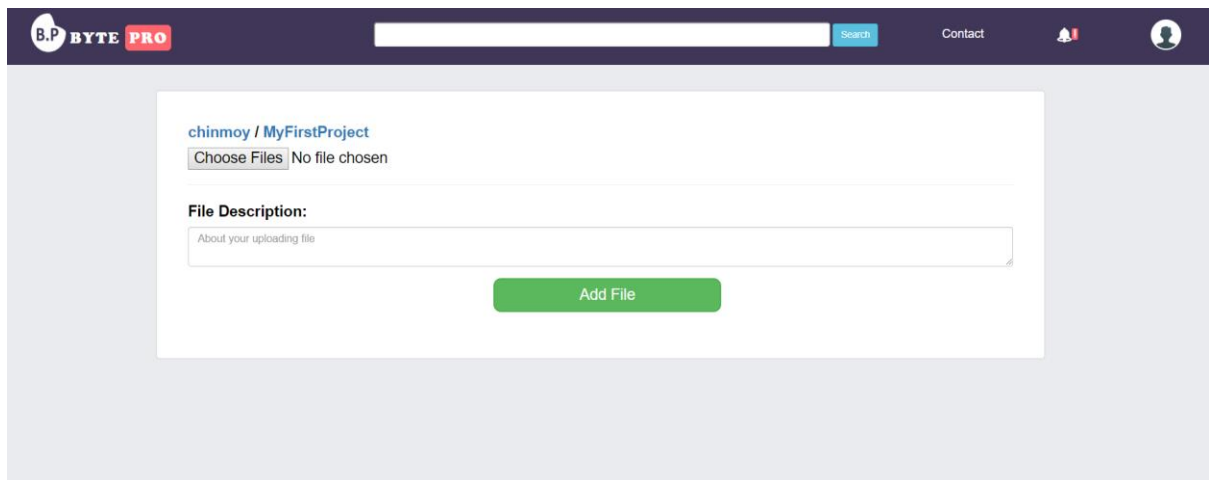


Figure 15: Upload files (main page)

Here user can upload multiple files. User also can add file description. After uploading files user return to the project details page. Now user will have option for downloading the whole project as compressed (ZIP file) file. User can also download single file. S/he also has the option for delete file.

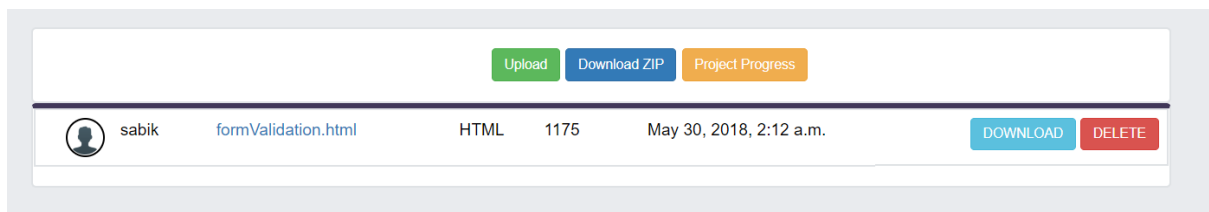


Figure 16: File download, delete

To show file details of a particular file the user needs to click the filename.

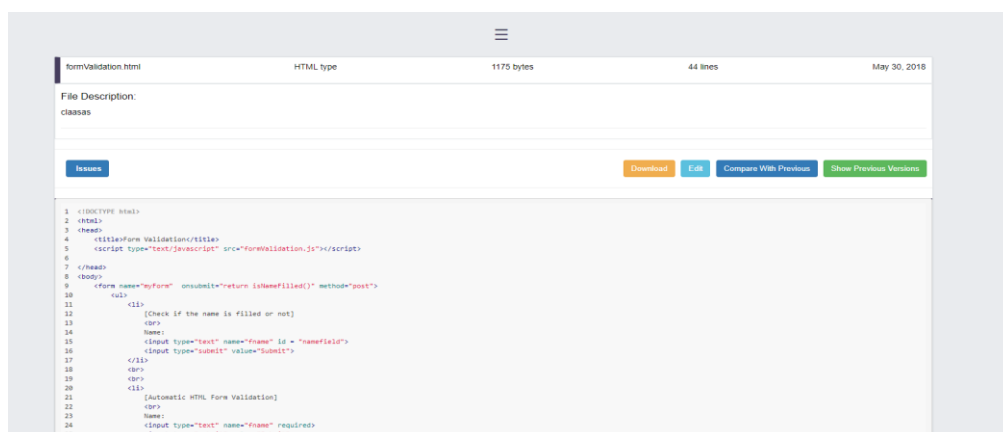


Figure 17: File Details

Here the user can see all the previous versions of that file.

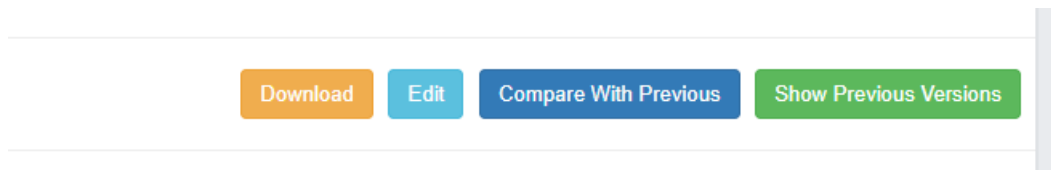


Figure 18: Options

Here is the page where the user can see all the previous versions.

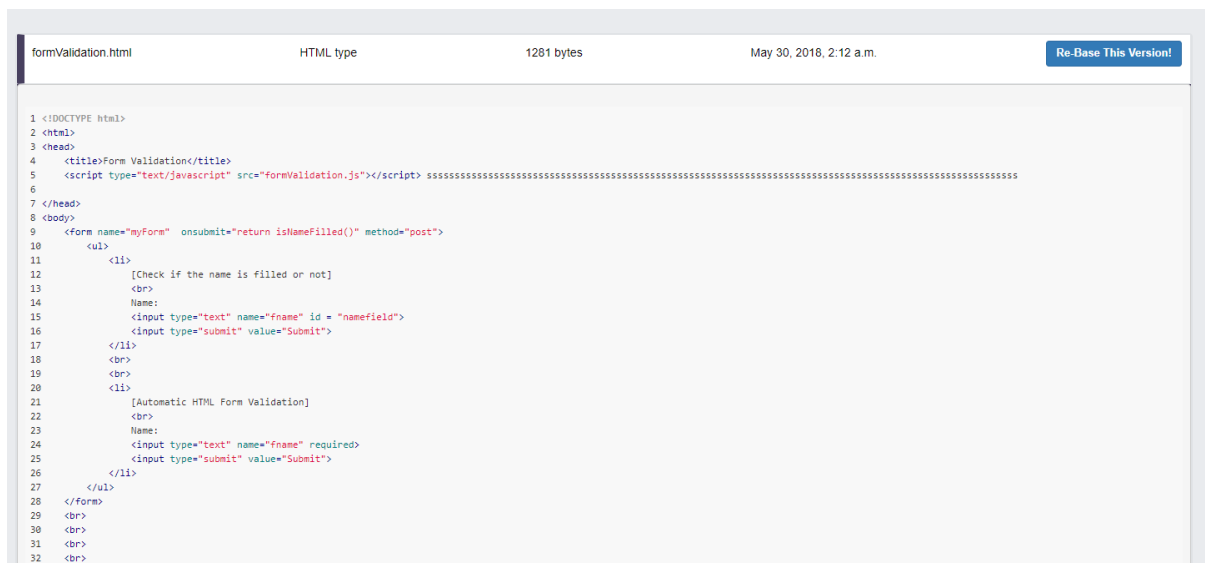


Figure 19: Previous Version Page

In this page the user has the option to rebase the file. To do that user needs to click 'Re-Base This Version' button.

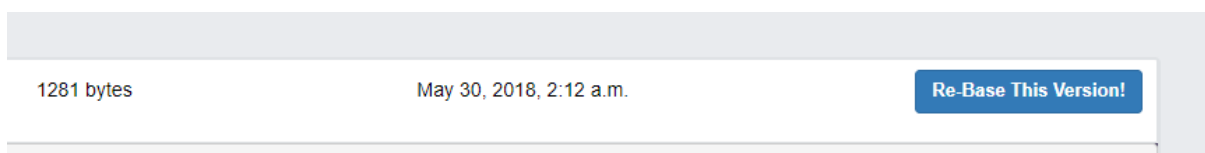


Figure 20: Re-Base button

S/he also can compare the current version with it's immediate previous version. To do this user needs to click 'Compare With Previous' button at 'File Details' page.

Here the user can see the comparisons of that particular file.

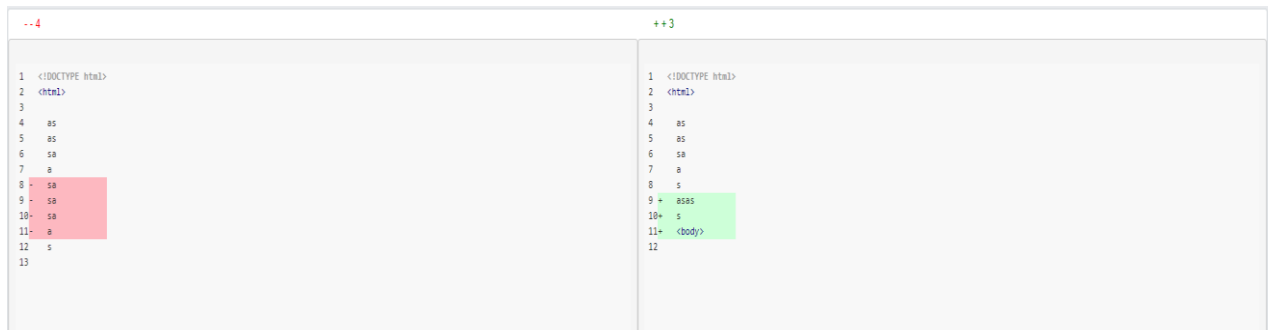


Figure 21: Version Comparison

User can comment on file. To do this, the user needs to write comment description and click comment button at 'File Details' page.

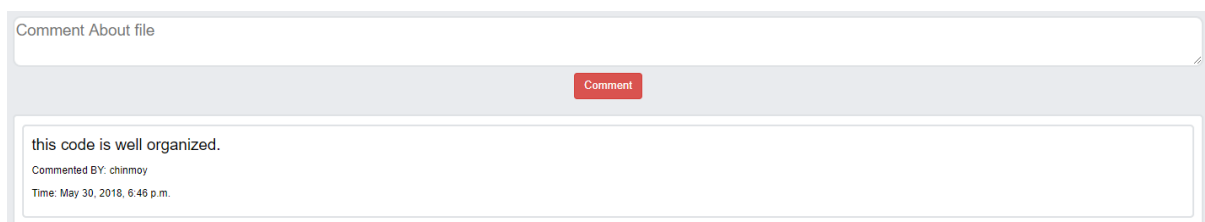


Figure 22: Comment on file

User can also create issue to a particular file. To do this user needs to click 'Issue' button at 'File Details' page.

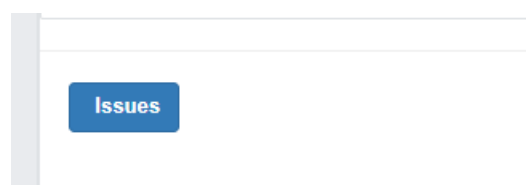


Figure 23: Issue Button

Here the user can create issue and also resolve it. Issue has 3 different tags.

1. Help Wanted
2. Bug
3. Duplicate

Here is the issue page,

Create Issue

Create Issue Here

Label

Help Wanted Bug Duplicate

Create Issue

chinmoy formValidation.html asas May 30, 2018 Help Wanted Open Mark As Solved

Figure 24: Issue Main page

User can resolve those issue. Issues can be created by all users.

User (as Master) can see the project planning. To see project progress, user has to click 'Project Progress' button at project details page.

Here is the page,

Project Progress

To-Do

[1] log out needs to be done soon

In-Progress

[1] recovery is in progress

Done

[1] Login.cpop

Add To-Do

Add In-Progress

Add Done

Figure 25: Project Progress

User can see many other options such as assigned developers, contributions, language used at side navigation bar.

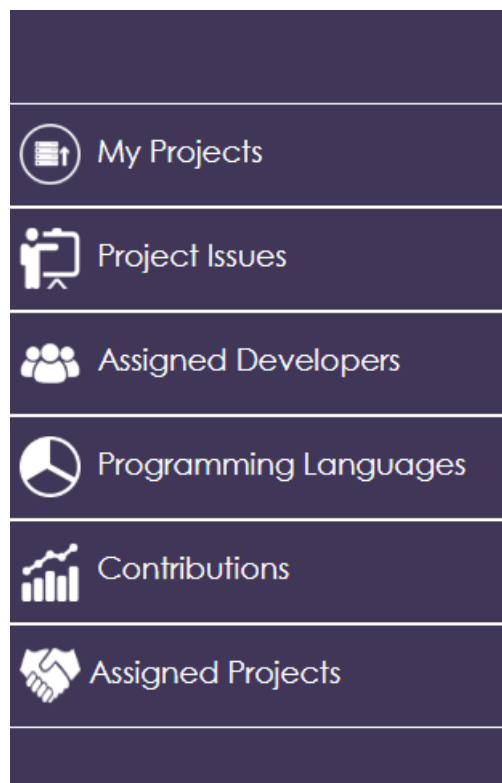


Figure 26: Side Navigation Menu

Here,

- My Projects: All the project, the user created [Main page]
- Project Issues: All the project issues [Issue Page]
- Assigned Developers: All the developers that assigned in the project

| Assigned Developers | | | |
|---------------------|----------------------|----------------------------|---------------------------------|
| sabik | sabikchamp@gmail.com | View sabik | Remove as sabik |

Figure 27: Assign Developers

- Programming Languages: All the languages that are used in the project

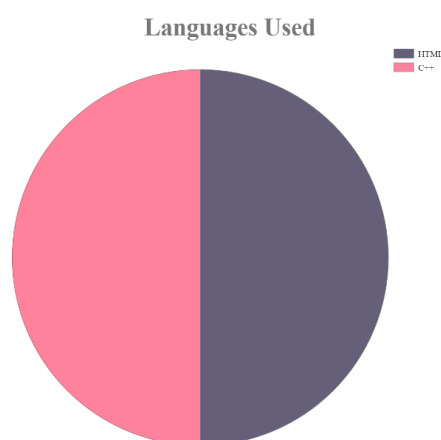


Figure 28: Programming Languages

- Contributions: Developers contributions to the project

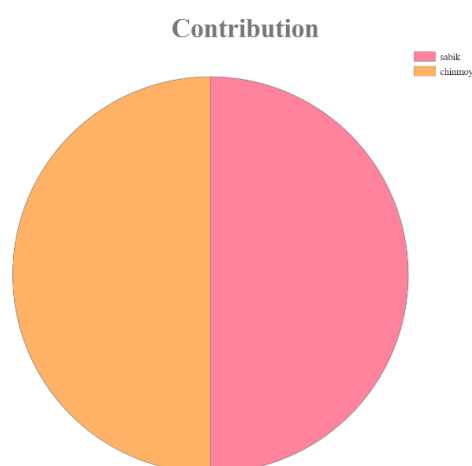


Figure 29: Contributions

- Assigned Project: All that project the user assigned in.

1.5 Search

User can search other users and public project in the search bar. The search bar is at the navigation bar of the page.



Figure 30: Search Bar

If the searched user exists then an example of that page is given below

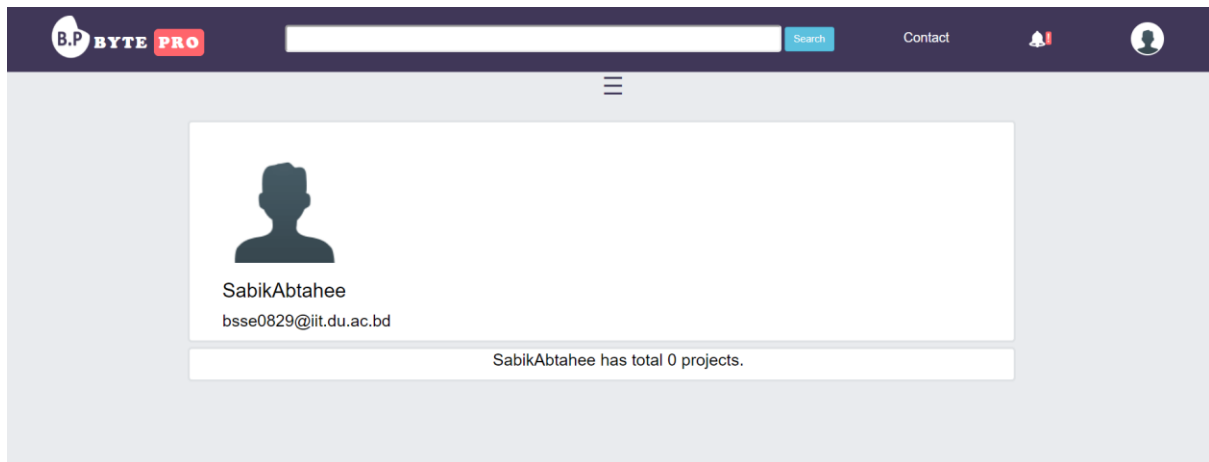


Figure 31: Searched Result

1.6 Notification

User will receive notifications when someone assigned someone to her/his project, someone comments on a file, reported an issue. The user can see the notification by clicking the bell icon located at the top right corner of the screen. An example is given below

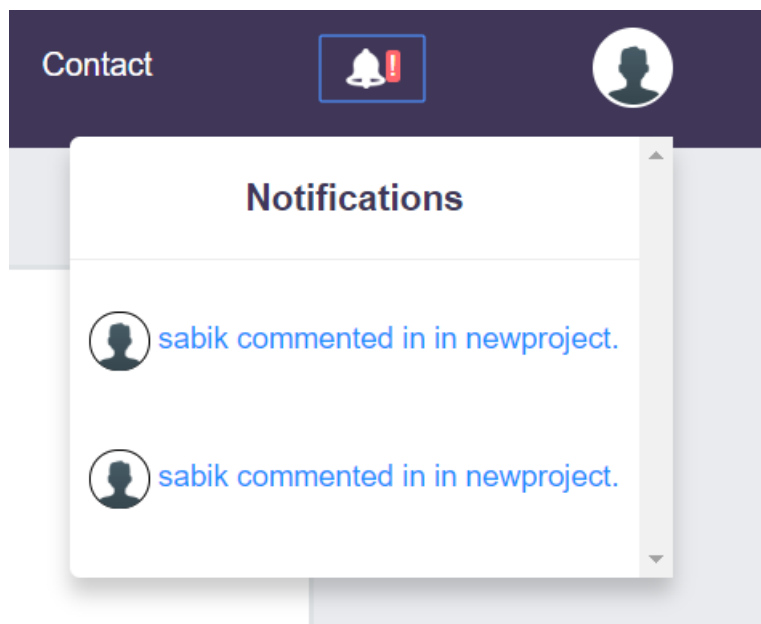


Figure 32: Notifications