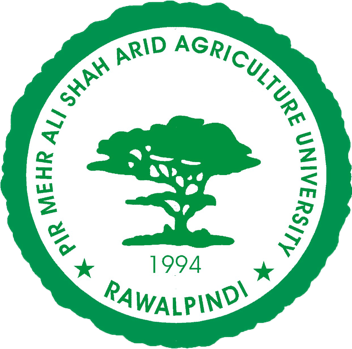
University Institute of Information Technology

PMAS-Arid Agriculture University, Rawalpindi



Project Proposal

For

**Product Lifecyle Management**

**Submitted By:**

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**Supervised By:**

Mr. Zeeshan Javed

Submission Date (27-10-2021)

Original Version: 1.0v

Project ID: \_\_\_\_\_\_\_\_\_\_\_

(ID will be assigned by coordinator)

* **Please select the appropriate category of your project** *(Select multiple if required)*

**A-**Desktop Application/Information System **🞏** **B-**Problem Solving and AI **🞏**

**C-**Web Application/Web Application based Information System. **◼ D-**Simulation & Modeling **🞏**

**E-**Smartphone Application **🞏 F-**Smartphone Game **🞏**

**G-**Image Processing **🞏** **H-**Networks **🞏**

**I-** Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **🞏**

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## Introduction Software is delivered to the end-user when it performs their task successfully but the management of software is too tough because software delivers after the completion of several phases. In our project, we manage these phases. In our project, there are two main users one is an admin who is able to create products and add developers. Admin also has the authority to edit or delete the developer and a product. Admin assign project to a developer. And the other user is developers who analyze what cost occur on a project which risk factor faced during deployment how to increase the quality of the product and what resources need to accomplish the project. Developers also check the feasibility of a product. In the existing system, we faced configuration problems even developer isn’t able to create an account or manage his project. He needs some training then he is able to use those systems. He tries to overcome this issue through our project.

## Literature Review

**Flinkiso** is an existing system in which we manage, audit the project. We also assure project quality but this platform has a problem that is following.

* It doesn’t have defect tracking
* It doesn’t have a feature of managing the equipment.
* It doesn’t manage the risk.
* It doesn’t not manage maintenance.

**Jira** is a software application used for issue tracking and project management. The tool, developed by the Australian software company Atlassian, has become widely used by agile development teams to track bugs, stories, epics, and other tasks. But it has following limitations.

* The tool is hard to set up and get used to.
* It’s complicated user interface can make managing tasks difficult.
* No built-in timeline to track your project progress.
* No collaboration features to communicate with your team.
* It’s mainly built for engineering and software development teams.
* No idea management features to keep track of your ideas and plans.
* The tool can be expensive.
* It’s known for being a slow tool with long query load times.

## Problem Statement

The existing platform is good but its configuration is too tough and the also developer faced difficulty in use. They need some training to use these platforms. In these platforms, product management is too complex. So, in our project, we provide easy configuration and a user-friendly management environment.

## 4.Problem Solution

## We overcome discussing the issue with a solution which is that we provide easy configuration and user-friendly environment where they manage their product and don’t face a problem which they faced in the existing system and they don’t need to take training for using this system.

## 5.Advantages/Benefits of proposed system

* Easy configuration.
* User-friendly environment.
* Don’t need training.

## 6.Scope

There are two main users one is an admin who is able to create products and add developers. Admin also has the authority to edit or delete the developer and a product. Admin assign project to a developer. And the other is Developer checks the feasibility of a product and assures the quality of a product and reduces the risk factor, concern with stakeholders, schedule the product, integrate new functionality, declare the scope and find the resources for a product.

**Modules of the project:**

1**.Feasibility Study**

In feasibility study we check that we able to do that we have resources to accomplish the task. Discussing problem have any possibility to overcome.

**2.Project proposal and Review**

**1.Project Integration Management**

The purpose of project integration management is to ensure that processes run efficiently and meet predefined goals.

**2.Project Scope Management**

Project scope management refers to the total amount of work that must be done in order to deliver a product, service, or result with specified functions and feature.

**3.Project Schedule Management**

Scheduling in project management is the listing of activities, deliverables, and milestones within a project. A schedule also usually includes a planned start and finish date, duration, and resources assigned to each activity.

**4.Project Cost Management**

Cost management in project management is the process of planning, estimating, budgeting, and controlling project costs. Cost management processes are in place to help project teams plan and control budgets during the project life cycle.

**5.Project Quality Management**

Project quality management is the process of continually measuring the quality of all activities and taking corrective action until the desired quality is achieved.

**6.Project Resource Management**

Resource management is an aspect of the project management process that plans, organizes, manages, and measures people's work. Its purpose is to plan, allocate and schedule the company's resources as efficiently as possible.

**7.Project Communication Management**

Project communication management is a collection of processes that help make sure the right messages are sent, received, and understood by the right people.

**8.Project Risk Management**

Risk management is the practice of identifying, evaluating, and preventing or mitigating risks to a project that have the potential to impact the desired outcomes.

**9.Project Procurement Management**

Procurement Project Management is a structured process that is used to define, plan, implement, control and transition an activity from a current to a future state.

**10.Project Stakeholder Management**

Stakeholder management is the process by which you organize, monitor and improve your relationships with your stakeholders. It involves systematically identifying stakeholders; analyzing their needs and expectations; and planning and implementing various tasks to engage with them.

## 7.Software Methodology

We used Agile methodology for development because in this method we work in supervision so we need satisfaction of supervision if he not satisfied then this method allows to work on that module and the other reason of using this method in future if we have new requirements then easily address these requirements and implement.

## 8.Tools and Technologies

|  |  |  |
| --- | --- | --- |
| **Tools**  **And**  **Technologies** | **Tools** | **Version** |
| Sublime Text | 3.2 |
| MS SQL Server | 2012 |
| Adobe Illustrator | 2019 |
| MS Word | 2016 |
| MS Power Point | 2016 |
| **Technology** | **Version** |
| PHP | 8.0 |
| MySQL | 2011 |
| Html | 5 |
| JavaScript | ES2015 |
| CSS | 3 |
| Bootstrap | 5.1 |

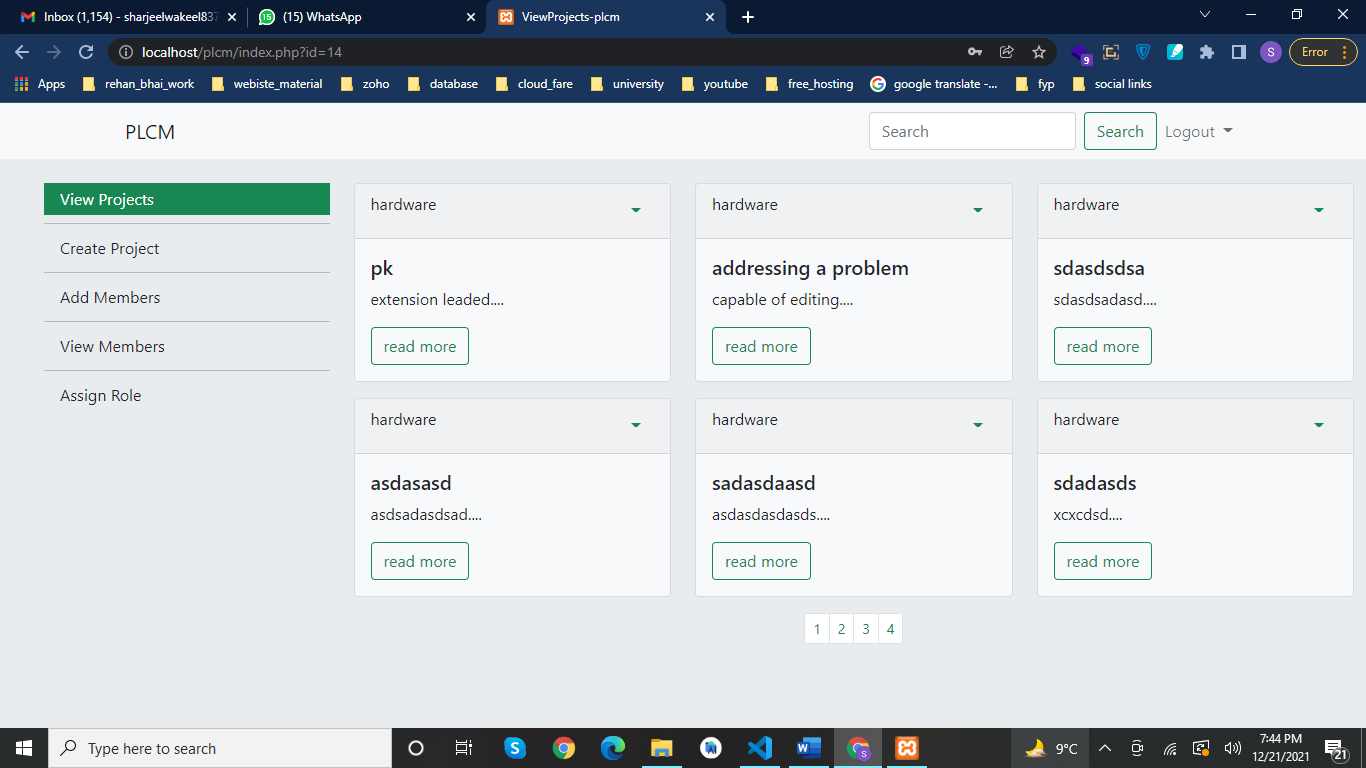
## 9.Concepts

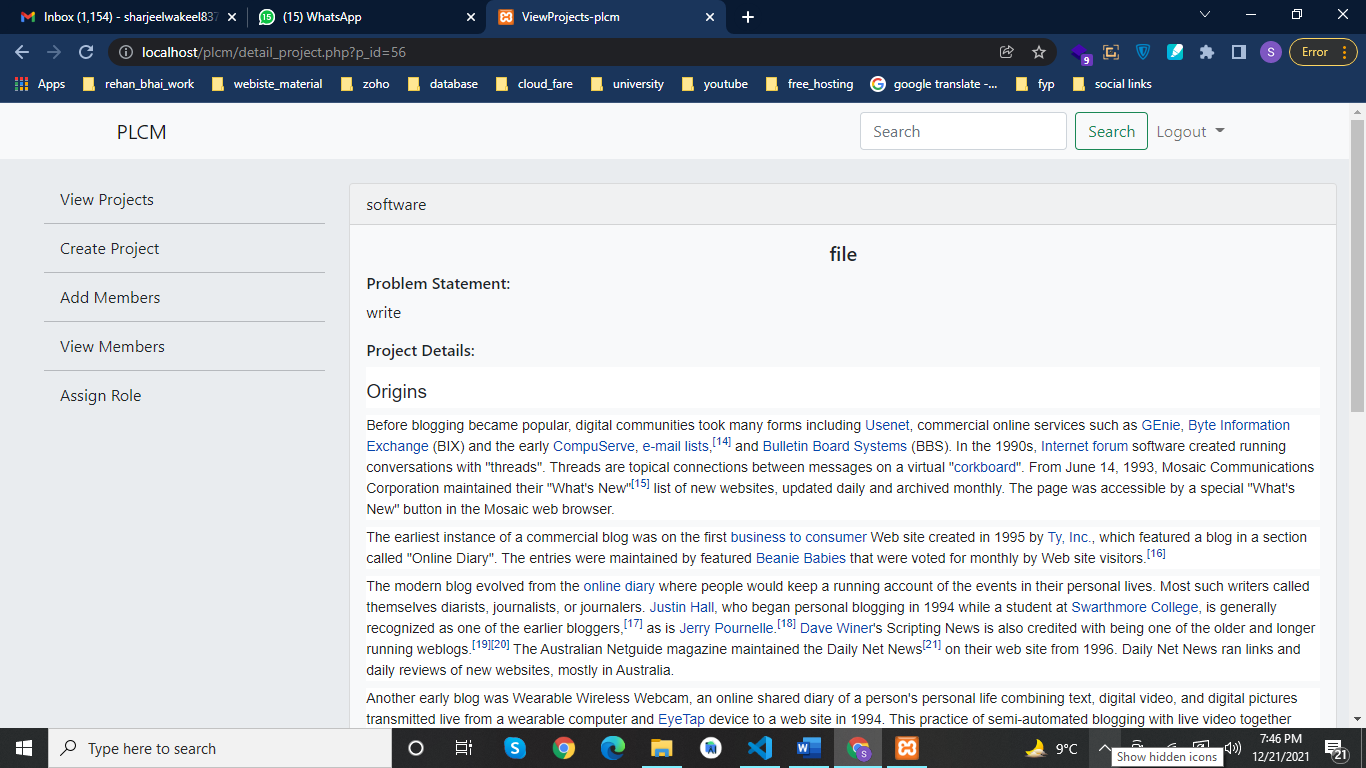
We learn from this project how to manage a lot of data and how to make a flow of big project. We also learn adobe illustrator for making logo of website.

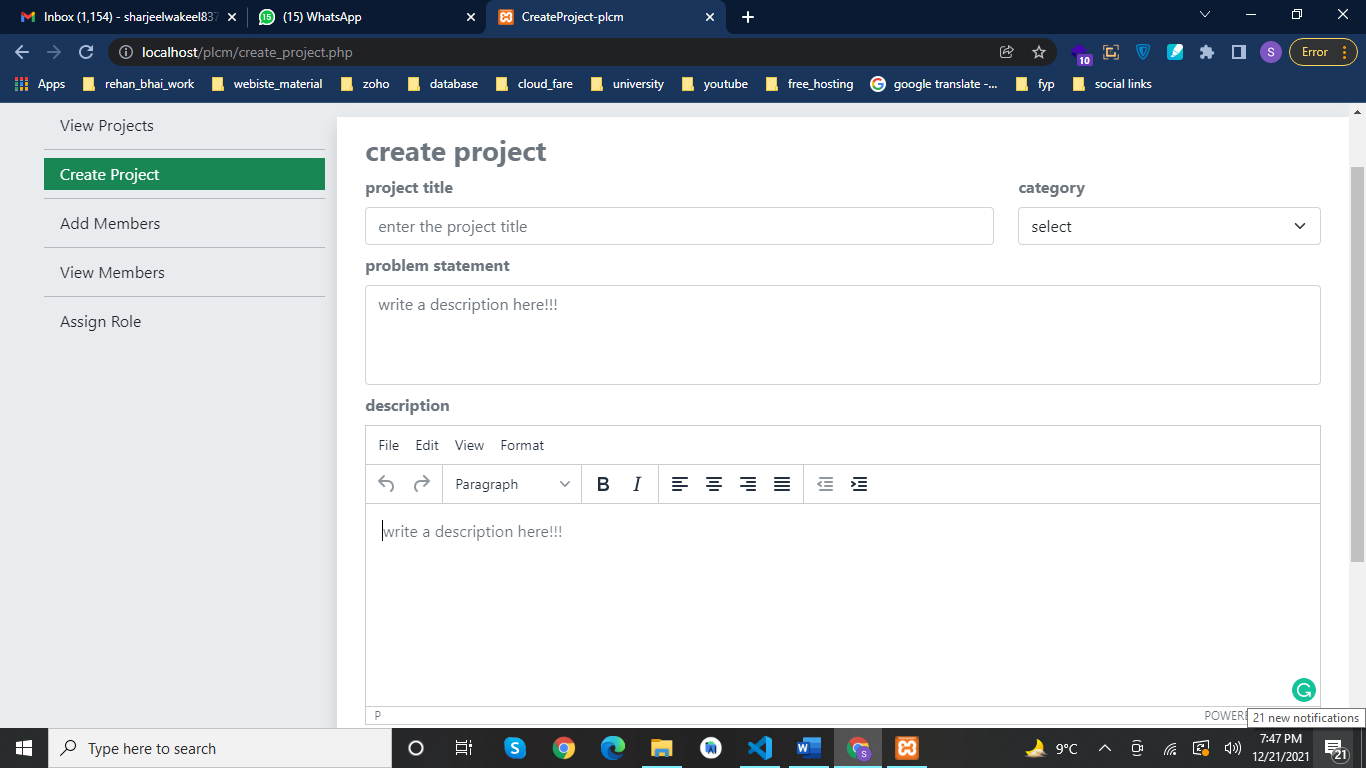
## 10. Intended Users

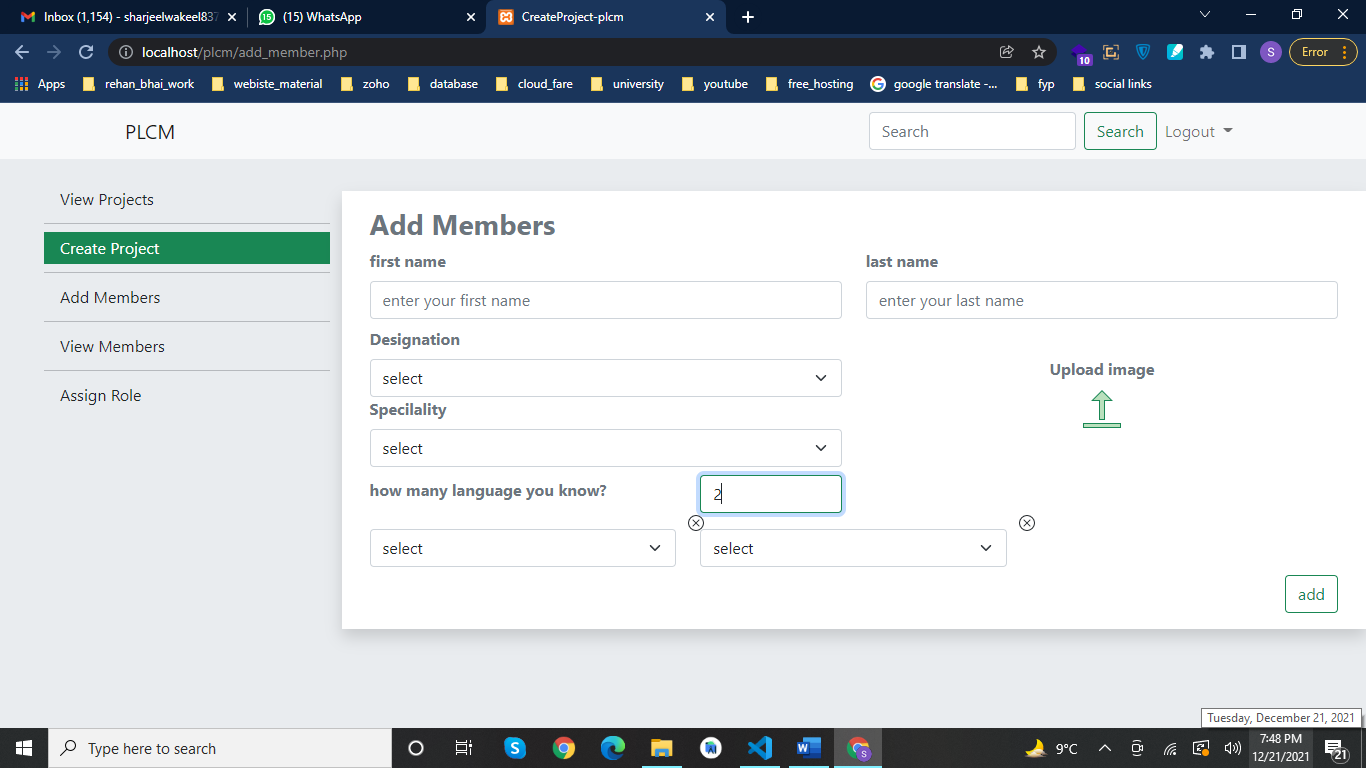
The Intend user of our project is a developer who know any language and want to develop something in every domain.

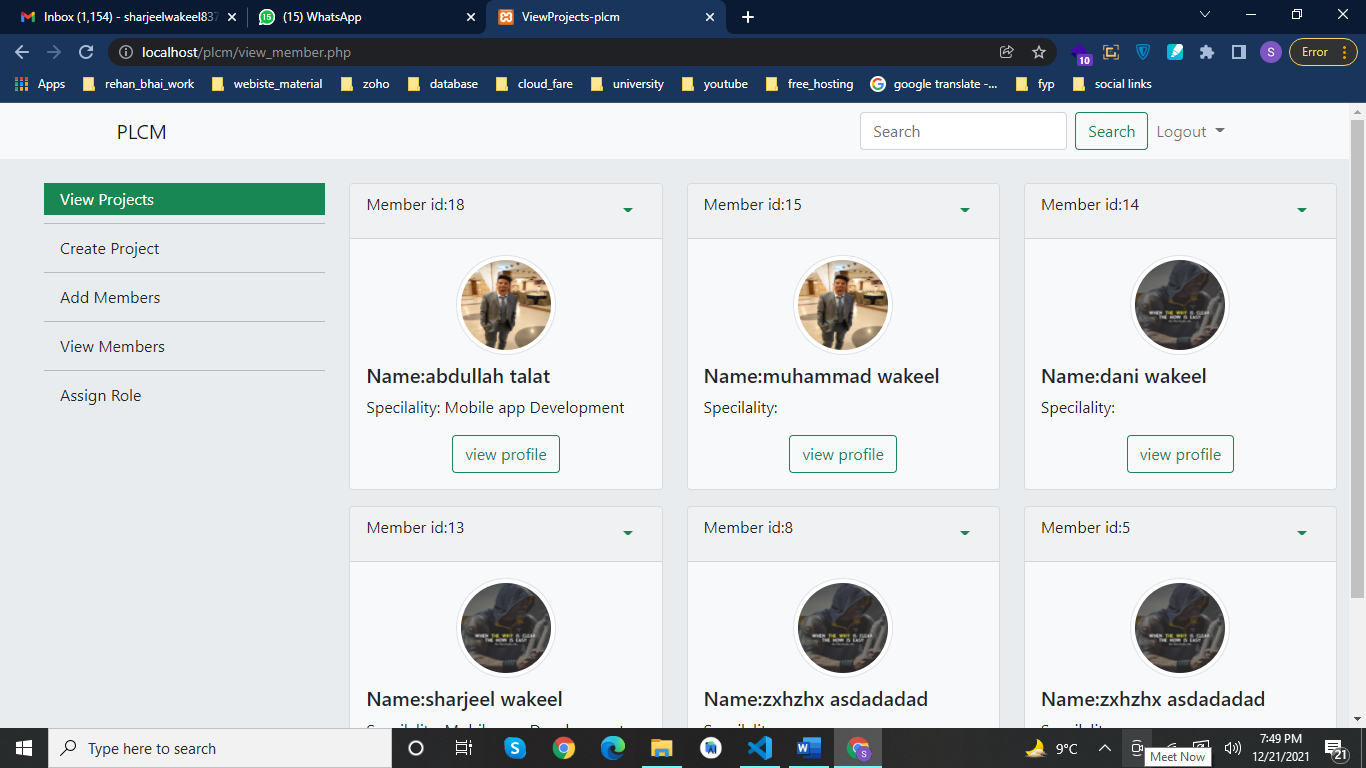
## 11. Mockups

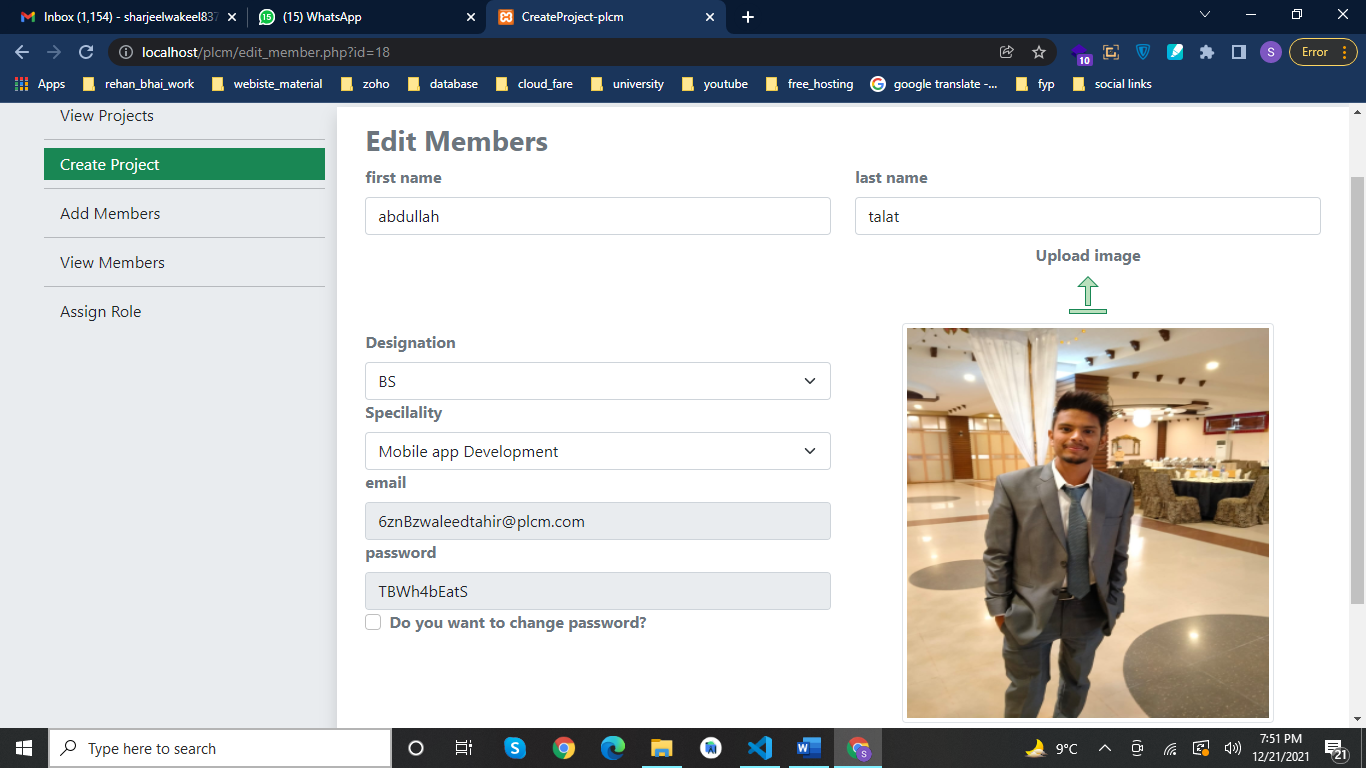












## 12. Timeline

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Requirement

November 2021

Analysis

December 2021

Design

February 2022

Development

April 2022

Testing & Deployment

May 2022

Final Evaluation

June 2022

## 13. Conclusion

The existing platform is good but their configuration is too tough and also developer faced difficulty in use. They need some training to use these platforms. So, we provide easy configuration and user-friendly environment where they manage their product and don’t face problem which they faced in existing system and they don’t need to take training for using this system.

## 14. References

<https://cloud.flinkiso.com/register/users/>

<https://atlassian.com/software/jira>

**Evaluation Page**

**Evaluator 1**

**Comments:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Evaluator 2 Comments:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Project Coordinator Comments**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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