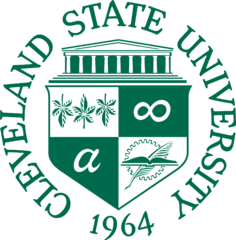
**“Lets Catch Up” – An event organizing and planing website for Cleveland State University**



**Project Plan**

**By**

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**SOFTWARE PROJECT PLAN**

**1.0 Introduction**

This section provides an overview of the software engineering project.

**1.1 Project scope**

Building a website, which will allow the students and other members of Cleveland State University to post about any events so that other students can get aware of the same and can register themselves to attend the event of the Cleveland State University.

This is an event organizing and participation website which will allow the attending members to chat among themselves to further plan for the event. This website is not limited only for any organization specific events, but also, can arrange a group for other activities like going to the gym, going to movies or even organizing a group study session with people of similar interest.

**1.2 Major software functions**

* **React** for the frontend GUI Development
* **Asp.Net core** for the backend
* **Excel** to present the report for the event and their participants

**1.3 Performance/Behavior issues**

* With limited time and limited resources, it may not be possible for maintaining of any previous events (6 months or earlier), their participants list and chat history.
* As the chat message and pop-up notifications is generated with another library, there may be delay in receiving them on the other side.

**1.4 Management and technical constraints**

* Wi-Fi signal strength will be measured only where we have access.
* Restricted area will not be considered for the signal strength measurement

**2.0 Risk Management**

*This section discusses project risks and the approach to managing them*.

* 3rd party plugins keep on changing their plans, so for this project I need to change some plugins which may impact the time duration of the event update notification.

**2.1 Project Risks**

Each project risk is described.

**2.2 Risk Table**

The complete risk table is presented. Name of risk, probability, impact and RM3 pointer are provided.

**2.3 Overview of Risk Mitigation, Monitoring, Management (RM3)**

An overview of RM3 is provided here. The Complete RM3 is provided as a separate document or as a set of Risk Information Sheets.

**3.0 Project Schedule**

**3.1 Project task set**

The process model, framework activities and task set that have been selected for the project are presented in this section.

* Initial Discussion and Requirement Gathering
* UI/UX implementation and Web Development
* Testing
* Final Submission

**3.2 Functional decomposition**

A functional breakdown to be used for scheduling is presented here.

1. Documentation
2. Design Finalization
3. Technical Documents Generation
4. Data Collection for input
5. Web Development
6. Testing, Verification
7. Presentation
8. Submission

**3.3 Task network**

Project tasks and their dependencies are noted in this diagrammatic form.

**3.4 Timeline chart**

A project timeline chart is presented. This may include a timeline for the entire project or for each staff member.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Serial  Number** | **Main Task** | **Sub Task** | **Timeline** | **Assigned to** | **Status** |
| 1 | **Requirement  Gathering** | Initial Discussion | Week1 | Biswadeep | done |
| 2 | Finalize the Scope | Week 2 | Biswadeep | done |
| 3 | Tasks Assignment | Week 3 | Biswadeep | done |
| 4 | Design Finalization | Week 3 | Biswadeep | done |
| 5 | **Documentation** | Project Plan | Week 4 | Biswadeep | done |
| 6 | Software Requirement Specification Document | Week 5 | Biswadeep |  |
| 7 | Software Test Plan Documentation | Week 6 | Biswadeep |  |
| 8 | Software Design Specification Document | Week 6 | Biswadeep |  |
| 9 | **Development** | Data Gathering | Week 7 | Biswadeep |  |
| 10 | Environment Set up | Week 8 | Biswadeep |  |
| 11 | Development frontend | Week 8-11 | Biswadeep |  |
| 12 | Development backend | Week 8-12 | Biswadeep |  |
| 13 | Unit Testing frontend | Week 12 | Biswadeep |  |
| 14 | Unit Testing backend | Week 12 | Biswadeep |  |
| 15 | **Test** | Testing backend | Week 12 | Biswadeep |  |
| 16 | Testing frontend | Week 12 | Suman K |  |
| 17 | Website Verification | Week 12 | Biswadeep |  |
| 18 | **Final Submission** | Project Report Generation | Week 13 | Biswadeep |  |
| 19 | Project Presentation and Demonstration | Week 13 | Biswadeep |  |
| 20 | Project Submission | Week 14 | Biswadeep |  |

**3.5 Schedule compliance**

Monitoring, reporting, and controlling mechanisms.

**4.0 Appendix**

Supplementary information is provided here.