TimeDrop
Iteration Plan <Iteration 1>

Version <1.1>

Revision History

Date	Version	Description	Author
<11/06/22>	<1.0>	First iteration of the document	Sai Mittapalli, Abdalla Eltom, Auhammad Momin Rahman, Mohamed Aql
<11/27/22>	<1.1>	Small changes to Gantt Diagram	Sai Mittapalli

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1. Introduction

1.1 Purpose

For this iteration, our plane as a team is to have a final product of the Calendar Software system. The backend functions will be fully implemented and functional. The design and Graphical user interface will also be functional for users to start working with our systems. We do have some extra features and functionalities that might be added later if the flow of the program is good. We also do have alternative functions to scale up depending on the number of users we attract.

1.2 Scope

This plan will outline the necessary procedures to ensure quality implementation, integration, testing, reviewing, and project management tasks assigned to team members. The end goal of this iteration plan is to assess how such tasks and activities will be done accordingly. The following subsections will provide a detailed insight.

Implementer

This role is responsible for all the requests sent from the client to the server, as well as ensuring all the graphical interfaces are kept consistent.

Integrator

The integrator holds the responsibility of quality assurance in what the implementer has provided.

Tester

The tester provides new tests for the functional requirements which aid in the main functions of the calendar software, specifically.

Reviewer

The reviewer ensures all the code is tested and reviews plans for the next project specifications.

Project Manager

The project manager oversees all roles assigning and scheduling tasks when deemed necessary.

1.3 Definitions, Acronyms, and Abbreviations

Gantt Diagram

Used to show the process and time needed for each phase of a project

Refer to Glossary Document (upedu_gloss.dot)

1.4 References

1. TimeDrop System – Use Case Specifications

2. UPEDU Template Example

1.5 Overview

This document displays all the planning and resources needed and used for the current iteration.

2. Plan

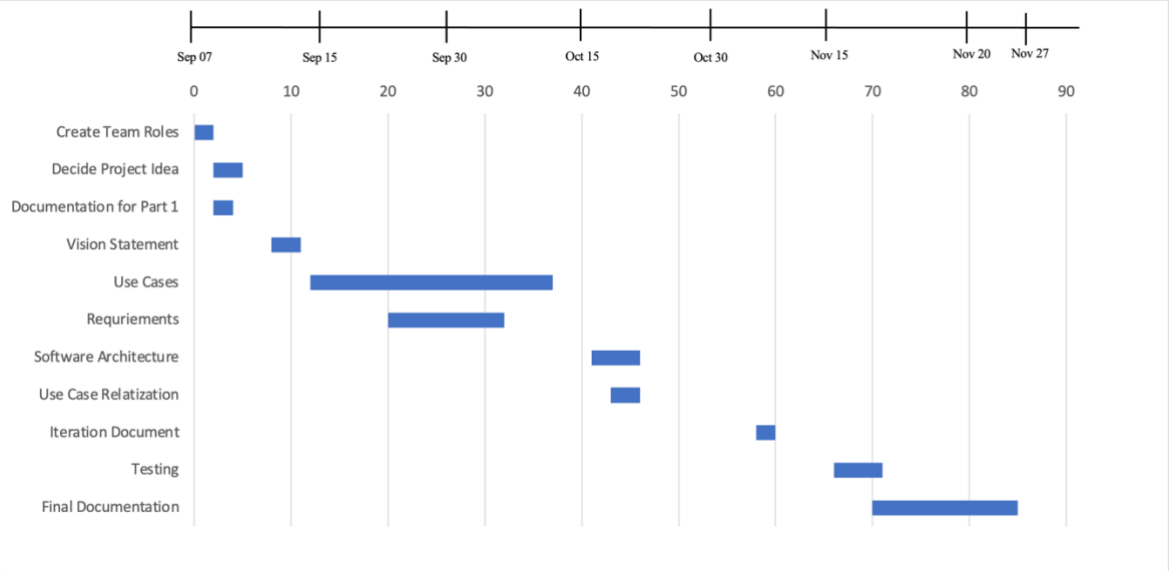

Figure 1: Gantt Chart

3. Resources

3. 1 Human resources

- Team members: Sai Mittapalli, Mohamed Aql, Muhammad Rahman, Abdullah Eltom
- Professor and TAs

3.2 Software resources

- Django System
- PyCharm
- Visual Studio Code
- Django framework
- FTP client
- Google chrome search engine
- Email Client
- Management software
- Video communication
- Google suite

3.3 Hardware resources

- Personal Computers
- Lab Linux Machines

4. Use Cases

Iteration-Related Use Cases:

- Create Account
- Login
- Logout
- View Calendar Selection and Combined To-Do List
- Create Calendar
- View Specific Calendar's Monthly View and To-Do List
- Add Task Inside Calendar

5. Evaluation Criteria

- Iteration Goal: By the end of this iteration step, the necessary servers and storage databases will be ready for the calendar
- Functionality: The main pages will be ready and usable
- Performance: The main pages and features will be usable
- Quality Measure: There will be minimal error and will be smooth to use
- Quality Goals: All data will be stored efficiently and be very accessible