Personal Financial Manager Project Management Plan

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**PREFACE**

This Project Management Plan [PMP] outlines the developmental process of the Personal Financial Manager application throughout the length of CMSC 495, class number 24416. PMP development and planning will be carried out by members of Group C.

**Personal Financial Manager Project Management Plan**

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# SECTION 1. OVERVIEW

## 1.1 PROJECT SUMMARY

Group C’s capstone project will result in a simple application with a plethora of possible features. Members are encouraged to suggest new additions throughout the course, that are relevant to the use case, and this document may be modified in order to accomplish future goals.

### 1.1.1 Purpose, Scope and Objectives

The PFM is an application for providing basic financial management tools and record keeping. Its intended user is a single person or household, as opposed to businesses or organizations.

### 1.1.2 Assumptions and Constraints

Group members will be working and interacting entirely over the internet, and from separate time zones. The current COVID-19 outbreak imposes further difficulties. During week 2, the group was able to meet with 2 or 3 members at a time in the afternoons, and all together on the weekend. Going forward, a versioning service can be used for a team bulletin as well as keeping track of individual modifications.

### 1.1.3 Project Deliverables

The initial feature set includes the ability to securely login and store sensitive customer data, and view past transactions. This is represented as a tabular cash flow statement, as stored in a database, and the GUI will be implemented in JavaFX. We hope to implement additional features, such as graphical charts, web U.I., field categorization, report generation, account and income tracking, etc.

### 1.1.4 Master Schedule and Budget Summary

The initial goal is to have the basic features outlined above finished and developed by the end of week 5, so that further features may be included. Weeks 6 and 7 are a buffer for missed goals, but currently allotted for additional features. See *timeline.xlsx.*

# SECTION 2. PROJECT ORGANIZATION

## 2.1 PROJECT ROLES AND RESPONSIBILITIES

The PFM was chosen as a group project topic so as to highlight each group member’s strengths, given the current constraints on development and collaboration that affect each member, and those that affect the group as a whole. Refer to the file *timeline.xlsx* for the current roles.

### 2.1.1 Roles

Team Leader coordinate the overall team responsibilities. Head of Development will approve software version changes and suggested features. Head of Testing will implement a test plan that is designed by the group as a whole.

### 2.1.2 Application Components

Some group members are also assigned tentative responsibilities for gathering requirements, designing, and coding one of the PFM’s components. These responsibilities are greatly dependent on the group’s changing time and availability constraints, and current progress to complete milestones. This means that SDLC stages are applied iteratively to each additional feature.