

Project 1 - Documentation

(CMPG 323)

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INTRODUCTION

Project 1 is implemented with regards to the Discovery Rewards program. The project (Account System) is required to add miles, view miles, and subtract miles from a member's account. Applicable challenges during development include solving errors regarding plugins, jdk compatibility issues, SpringBoot setup failure, Git repository link commit issues, etc.

1.1 ERD DIAGRAM

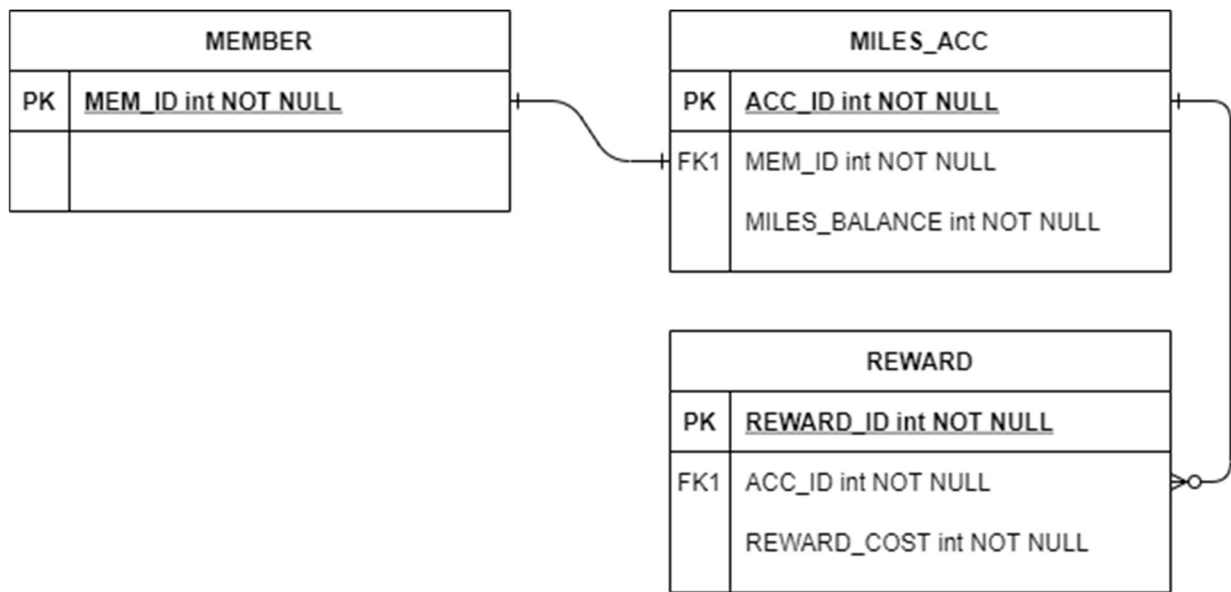


Figure 0-1: ERD diagram for Project 1

2.1 USE CASE DIAGRAM

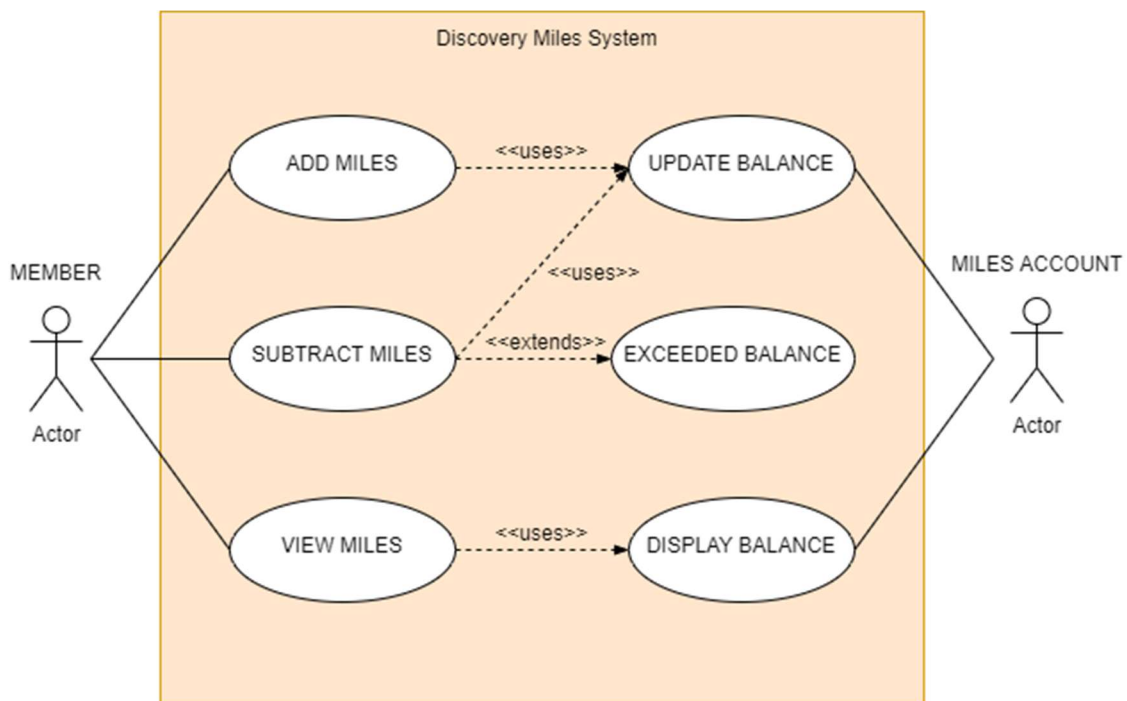


Figure 2-2: Use case diagram for Project 1

3.1 FLOWCHARTS

3.1.1 Add service

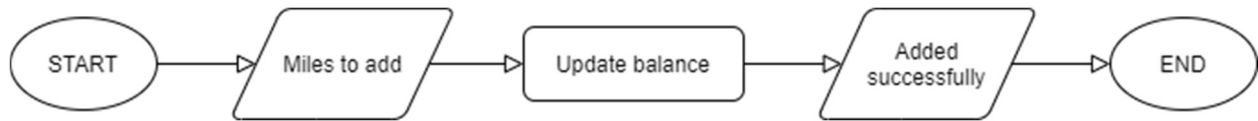


Figure 3-3: Flowchart for Add service

3.1.2 View service

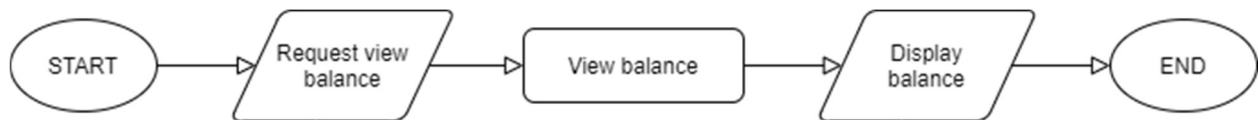


Figure 3-2: Flowchart for View service

3.1.3 Subtract service

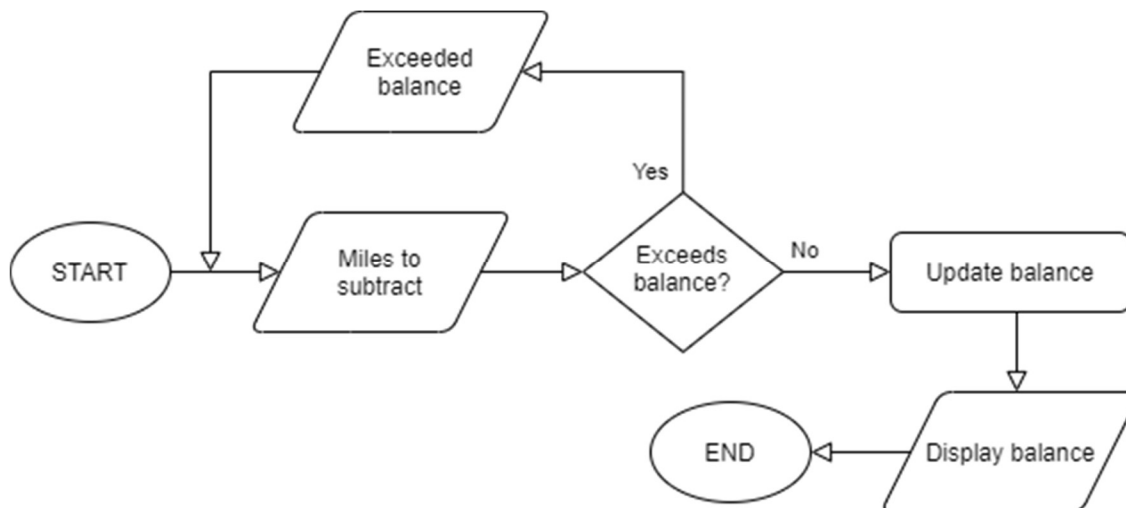


Figure 3-3: Flowchart for Subtract service