Software Engineering 2017

# Group ID: \_ \_\_

## *<Project title>*

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| <team selfie> |

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| Roll Number | Name | Role (PO+DEV/SM+DEV/DEV) |
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*+ order the names as per the order in the team selfie (left to right)*

**Section 1**

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| **Project overview**   1. It efficiently keeps the track of money expenses among group members and also calculate who owes what to whom . 2. it determines the fewest number of payments needed to reconcile the debt 3. helps the management with reports and functionality to improve effectiveness of various decision making activities. |

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| **System purpose** |

**Work System Snapshot**

**Work System Snapshot for Multiplex Ticketing System (version 2)**

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| --- | --- | --- | --- | --- |
| Customers | | | Product/Services | |
| * Customer   (group member)   * Manager | | | * Push Notification * Reminder Alert * Bill Evaluator * Chat Room | |
| Major Activities and Processes | | | | |
| * Customer register and access his/her account by entering his/her details and setting up a password. * Manager sets discounts offers and special rewards for newly registered customer or frequent customers. * Customer creates group by adding new user as members or from contacts. * Customer discusses about debts and other details in a group chat room. * Customer requests system to generate final transaction statement as a record. * Customer who so creates the group may remove the group and confirms any new transaction added. * Admin verifies user details for new customers and edit group members. * Customers when removing the group, rates the user experience and gives feedback. * Customer in a group gets notification for every new transaction as a verification. * Customer will be redirected to e-Wallet to pay the bills to any group member . * Manager request system to generate daily Website traffic under filters and   compliance with site activities to make decisive measures to improve performance and make appropriate changes. | | | | |
| Participants | | Information | | Technologies |
| * Manager * Customer * Admin | * Transaction details * Feedback form * User Details | | * Email * Spreadsheet * Computer * Internet * Scanner |

**Use case diagram with nested boundary**

