**Sprint 2 Plan**

**Product Name:** Smart Account

**Team Name:** SmartAccount

**Sprint Completion Date:** 7/17/2018

**Revision:** V0.1. - 7/11/2018 Created

# **Goal: Data Interaction & Functions**

1. Set up the database
2. Implement the data interaction between the Database and the UI page
3. Compose the different pages into a intact program project
4. Budget function.

# **Task Listing**

##### **User Story 1 - Total Time: 10 hrs**

As a user, I want to have a Main Menu page that contains all of my records organized and functional buttons so that I can track my payments by viewing the record term by term.

**Task 1**

Implement the history functional button in Main Menu on AS. Connect the main history bill pages (3 hrs)

**Task 2**

Implement the add bill functional button in Main page on AS. Connect the add bill page (3 hrs)

**Task 3**

Implement the navigation bar in Main page on AS. Connect corresponding pages. Needn’t build the corresponding pages (2 hrs)

**Task 4**

Test & Improvement (2 hrs)

##### **User Story 2 - Total Time: 30 hrs**

As a user, I want to add/delete/edit/view my record in my account page so that I can track my payments.

**Task 1**

Implement the basic UI pages on AS (10 hrs)

**Task 2**

Implement the data interaction function between user page with database to save/change/delete data (10 hrs)

**Task 3**

Test & Improvement (10 hrs)

##### **User Story 3 - Total Time: 10 hrs**

As a user, I want to jump among pages so that I can operate this application.

**Task 1**

Jump from the main page to other pages (3 hrs)

**Task 2**

Jump from the add bill page to other pages (1 hrs)

**Task 3**

Jump from the calendar page to other pages (3 hrs)

**Task 4**

Jump from the analysis page to other pages (3 hrs)

##### **User Story 4 - Total Time: 13 hrs**

As a developer, I write and read users’ input data into database, so that I can operate data in different functions.

**Task 1**

Get connection with firebase (1 hrs)

**Task 2**

Get the input from users (3 hrs)

**Task 3**

Write the input into database (6 hrs)

**Task 4**

Read the data from database (3 hrs)

# **Initial Task Assignment**

Hang Yuan (PO)

US-2 TA-2: Basic Add New Record Page (7 hrs)

US-1 TA-4 (2 hrs)

US-2 TA-4 (3 hrs)

Yujia Li (SM)

US-2 TA-1: Basic Add New Record Page (1 hr)

US-2 TA-2: Basic Add New Record Page (5 hrs)

US-2 TA-3: Basic Add New Record Page (7 hrs)

Haoran Li

US-1 TA-1 (2 hrs)

US-1 TA-2 (5 hrs)

US-1 TA-3 (6 hrs)

Xuhua Feng

US-2 TA-1: Calendar Page (1 hr)

US-2 TA-2: Calendar Page (5 hrs)

US-2 TA-3: Calendar Page (7 hrs)

Qingyuan He

US-2 TA-1: Analysis Page (1 hr)

US-2 TA-2: Analysis Page (5 hrs)

US-2 TA-3: Analysis Page (7 hrs)

# **Meeting Schedule**

1. Physical Meeting

July 11th: E2-307 1:00-1:30 PM **[w/ TA]**

1. Online Meeting

July 14th: ONLINE 8:00-9:00 PM **[Group talk: w/o TA]**

1. Physical Meeting

July 16th: E2-307 1:00-1:30 PM **[w/ TA]**