**Project Charter**

**Team 3:** Dongji Cui, Moon sun Hwang, Mengxue Luo, Xiaohua Shi, Yiyang Zhou

**Project Statement**

In daily life, situation that one person pays for multiple individuals happens quite frequently. However, calculating individual expense for each person with taxes, tips, etc. could be painful. There is an app called Splitwise that can only split the bill evenly. In other cases, personal finance management, such as recording and organizing one’s daily expense could be cumbersome. There are apps doing such tasks, for example, Mint. However, none of those apps are capable of doing both. We now offer a web application that can greatly help to solve those problems and provide data analysis.

**Project Objectives:**

* Create a website that everyone can have easy access to.
* Provide smart bill splitting tools that could calculate the individual expense for group events/activities
* Provide finance management tools that categorize the personal daily expenses.
* Perform data analysis to give user recommendations based on categorized data and monthly budget.

**Stakeholders:**

* User – General public who have needs to split bills or manage personal expenses.
* Software Developers – Dongji Cui, Moon sun Hwang, Mengxue Luo, Xiaohua Shi, Yiyang Zhou
* Project Manager – Xiaohua Shi
* Project Owner – Dongji Cui, Moon sun Hwang, Mengxue Luo, Xiaohua Shi, Yiyang Zhou

**Project Deliverables:**

* A website that have two main feature:
  + bill splitter
  + personal expense manager
* Platform: Amazon Web Service(AWS)
* A node.js based server that handles user requests
* A database that provides data storage and retrieval. We use MangoDB.