

**Milestone 1 - progress Evaluation  
Commerce Website Developer – Grocery Shopping**

Team Member  
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**Milestone 1 - Progress Matrix:**

Task	% Complete	Chenke Li
1. Investigate Tools/Packages	100%	100%
2. Requirement Document	100%	100%
3. Design Document	100%	100%
4. Test Plan	100%	100%
5. Setup Version Control	100%	100%
6. Test Play Framework	100%	100%
7. Test SQL setup	100%	100%
8. Familiarization with APIs	100%	100%
9. Develop and design the front end	70%	70%
10. Web Sketch	100%	100%

**Summary for each completed task for Milestone 1:**

- Task 1 - Invest Tools/Packages
- Researched several tools, packages to be used for the project
- Write a small “Hello World”test to evaluate above
- Tools: MySQL, Java, Play Framework, Html, JavaScript, BootStrap, Bitbucket
- Environment: IntelliJ

Task2 - Requirement Document

- Identified user part requirements
- Identified administrator part requirements

Task3 - Design Document

- Identified the overall web sketch
- Identified the UML Class Diagram
- Identified the E-R Diagram
- Identified the main flow charts of the system

#### Task4 - Test Plan

- Identified the user part tests
- Identified the administrator tests
- Research appropriate unit tests

#### Task5 - Setup version control

- Setup a GIT repository for the project
- Create the private repository on the bitbucket

#### Task6 - Test Play Framework

- "Hello world" application to test Web application using Play Framework in IntelliJ
- "Hello world" webpage to test Scala template engine

#### Task7 - Test SQL setup

- Test connection to SQL
- "Hello world" sql query to test the setup

#### Task8 - Familiarization with APIS

- Familiarization with Play Framework APIs
- Familiarization with HTML,Css, Javascript, Bootstrap
- Familiarization with SQL

#### Task9 - Develop and design the front end

- Implement a Website template to the project
- Modify and add components to this template

#### Task10- GUI Sketch

- Sketch several basic webpage to demonstrate basic layout and functions

### **Summary of Contribution of each team member for Milestone 1:**

#### **Chenke Li**

- Investigate various tools/packages for the project
- Write Requirement Document for the project
- Write Design Document for the project
- Write Test Plan for the project
- Setup version control for source code management
- Setup and test Play Framework
- Setup and test MySQL
- Research and get familiar with Play Framework API, SQL queries, Html, Javascript, bootstrap, etc.
- Develop and design the front-end
- Draw the web sketch

**Task Matrix for Milestone 2:**

Task	Chenke Li
1. Deploy the project	100%
2. Design, modify, and test the front end	90%
3. Develop and design the back end	70%
4. Implement Database	70%
5. Test the basic function	80%

**Summary for each planned task for Milestone2:**

Task1 - Deploy the project

- Deploy the project to the web server in order to clarify the front end and back end

Task2 - Design, modify, and test the front end

- Continued to design the front end which is developed and implemented in the milestone1
- Modify the web template which is used in the milestone1
- test the front end

Task3 - Develop and design the back end

- Implement the basic function, login, register, buy products, checkout, etc
- Data transfer with the front end

Task4 - Implement Database

- Implement the Database connection with the project
- Implement the SQL queries

Task5 - Test the basic function

- Test the basic function by using unit test

**Sponsor feedback on each task for the current Milestone**

- Task1: \_\_\_\_\_
- Task2: \_\_\_\_\_
- Task3: \_\_\_\_\_
- Task4: \_\_\_\_\_
- Task5: \_\_\_\_\_
- Task6: \_\_\_\_\_
- Task7: \_\_\_\_\_
- Task8: \_\_\_\_\_
- Task9: \_\_\_\_\_
- Task10: \_\_\_\_\_

Sponsor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Sponsor Evaluation**

Sponsor: detach and return this page to Dr. Chan (HC 322)

Score (0-10) for each member: circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10)

Chenke Li	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
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Sponsor Signature: \_\_\_\_\_ Date: \_\_\_\_\_