SOFE3650U
PROJECT PRESENTATION
ADD PROCESS

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Project Description and Use Cases

- Our project that we have completed the ADD process on is called **Kitchen Mania.** The focus of this web-game is to match similar objects, in either rows or columns which in turn reward the user with points.

- After accumulating the required points for each level, the user moves on to the next level which generates a new format of the puzzle, which the user will continue to beat.

- The use cases that are that are addressed in the design of this project are the following:
  - *UC-1: Advertisement System*
  - *UC-2: Hi-Score Check*
  - *UC-3: Login System*
  - *UC-4: Level Difficulties*
  - *UC-5: Future Content System*
  - *UC-6: Combo Capabilities*

Outcome of Iteration #1

- The architecture we chose for the client side is **Rich Internet Applications (RIA)** and for the server side we selected **Web Applications.**

- Provides an excellent UI and running an application without installing on the user machine is ideal for us.

- The use of the Rich UI engine allows for the UI elements to be connected with our login database and hi-score.

- Excellent counterpart to **RIA** and enables us to use web-browser logic.

Outcome of Iteration #2

- QA-1, QA-3, UC-2, and UC-3 had changes impacting them.

- These changes are rationalized through our design decisions that target our hi-score system and login system.

- Focusing on the modules for the client and server side respectively.

- For **RIA**, the elements to be refined is the Rich UI Engine which is apart of the Browser Module.

- For **Web Applications**, the elements to be refined is the User Interface, UI Process Logic, and Data Access modules.

Outcome of Iteration #3

- Design decisions addressed the following: **QA-1**, **QA-3** and **CON-3**.

- Impact on **QA-3**, which is **Availability**

- Decisions that were made to **QA-1** as well, which is **Performance**.

- The changes made on **QA-1** relate to design concepts that have an impact on the performance of the system.

- The changes made on **QA-3** are related to creating a predicative model.

Thank you for listening!