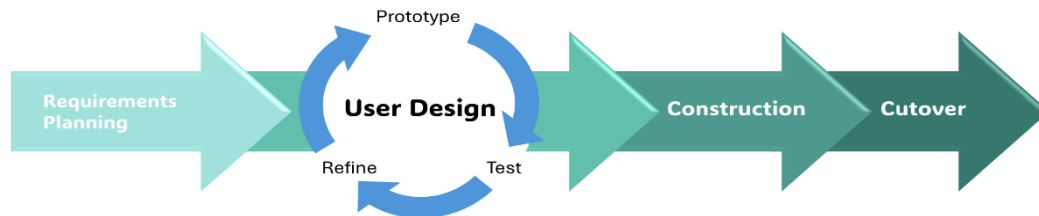


DEVELOPMENT OF AUTOMATED SYSTEM INTEGRATING MENU AND INVENTORY CONTROL FOR TONGS AND JERRY RESTAURANT

Rapid Application Development Methodology



Requirements Planning: In this phase, the development team worked closely with the restaurant owners to understand what the system should do. They talked about the goals and features of the system, such as tracking menu items, managing ingredients, recording sales, and checking transaction history. The team made a list of important features to guide the development and make sure the system would be useful and easy to use.

User Design: In this phase, the team worked with the restaurant to design the system. They made diagrams to plan how the system would work. Using tools like Balsamiq, they created screen layouts (called wireframes) so the owner could see and test early versions of the system.

Rapid Construction: In this phase, the team started writing the code based on the final design. They used a low-code platform to make the process faster. The system's database was set up with MySQL to store menu items, ingredients, and sales records. The system was hosted on Apache HTTP Server to make sure it ran smoothly. Real users tested the system while it was being built, and their feedback helped fix problems and improve the system.

Cut Over: In the final phase, the system was made ready for full use at the restaurant. This included testing the system one last time, training the users, and setting it up on live servers. Any last issues were fixed, and owner were trained on how to use the system.

Gant chart

