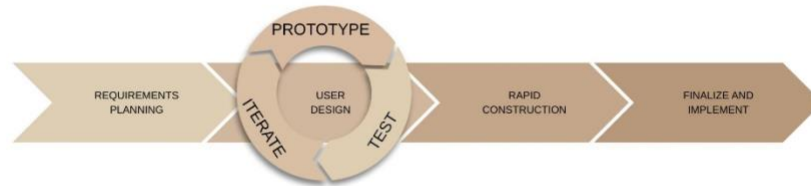


SDLC Model: RAD (RAPID APPLICATION DEVELOPMENT)



Justification:

We chose RAD methodology because our project requires fast development, flexibility and continuous user feedback. Since our system is practical troubleshooting and appointment guide, involving the client (A.D. Soreta Electronics Enterprises) throughout the process ensures the features are relevant and usable. RAD allows us to quickly prototype, test, and refine modules such as the knowledge-based troubleshooting guide and the appointment system without spending excessive time on rigid documentation.

RAD Phases Applied to Our Project:

1. Requirements Planning
Identify system goals, stakeholders, and functionalities.
Collaborate with A.D. Soreta Electronics for feature prioritization.
2. User Design
Build prototypes of the troubleshooting guide and appointment system.
Conduct feedback sessions with end-users.
3. Construction
Develop the knowledge base, appointment booking system, and admin features.
Perform iterative testing and refinements.
4. Cutover (Implementation)

Deploy final version for A.D. Soreta Electronics.
Train users and prepare documentation.

Project Gantt Chart:

