

**Problem 1.1, Stephens page 13****Problem 1.2, Stephens page 13**

- Requirements Gathering - Understanding the customer's wants and needs to define the project's goals.
- High-Level Design - Defining the major components of the application and their interactions.
- Low-Level Design - Providing detailed specifications for building the application components.
- Development - Writing the actual code to implement the application.
- Testing - Running the application in various scenarios to identify and fix flaws or bugs.
- Deployment - Delivering the finished application to end users.
- Maintenance - Applying bug fixes, updates, and enhancements after deployment.
- Wrap-up - Evaluating the project's successes and failures to improve future development.

**Problem 2.4, Stephens page 27**

Google Docs version history tracks document changes automatically, allowing users to name versions, view past edits with highlights, and restore previous states. It shows who made changes but operates as a single continuous document. Github, on the other hand, requires manual commits with messages and allows multiple versions of a project to develop separately before merging. While both track changes and support collaboration, Google Docs is designed for live document editing, whereas GitHub is structured for managing and integrating code updates.

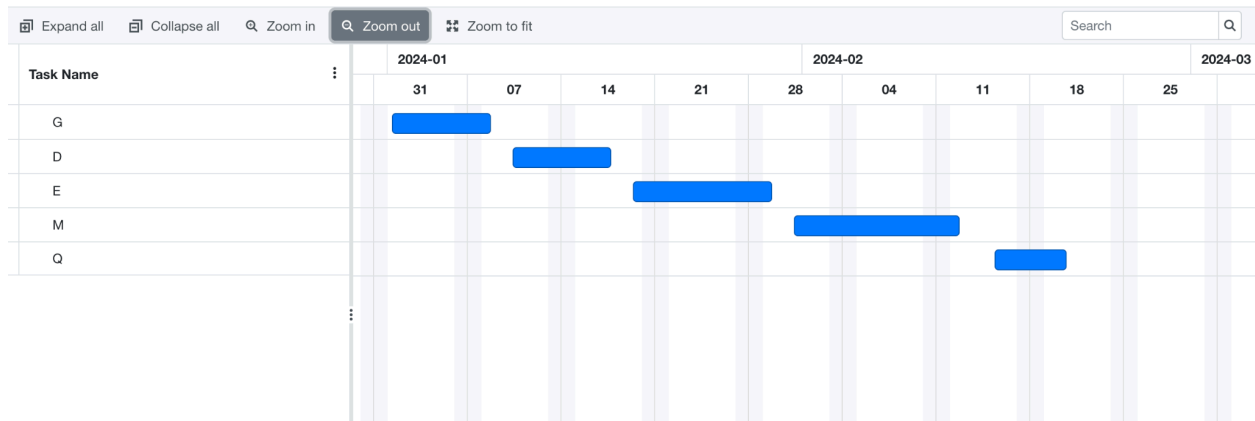
**Problem 2.5, Stephens page 27**

“Just Barely Good Enough”, meaning providing only the minimal necessary documentation and comments to complete a task without excessive overhead.

**Problem 4.2, Stephens page 78**

G->D->E->M->Q  
Duration 32 days

**Problem 4.4, Stephens page 78**



#### Problem 4.6, Stephens page 79

Unpredictable problems can be managed through risk management, which involves identifying potential risks, assessing their impacts, and planning workarounds in advance rather than reacting to issues as they arise.

#### Problem 4.8, Stephens page 79

The two biggest mistakes you can make while tracking tasks are not taking action when a task slips and piling more people onto the task in hopes of speeding it up. Ignoring a slipping task can cause delays to increase, making it harder to recover, while adding more people often slows progress because new team members take time to get up to speed.

#### Problem 5.1, Stephens page 114

Clear, unambiguous, consistent, prioritized, and verifiable.

#### Problem 5.3, Stephens page 114

- a) B
- b) U, F
- c) U, F
- d) U, F
- e) N
- f) N
- g) N
- h) N
- i) N
- j) F
- k) F
- l) U, F

- m) U, F
- n) U, F
- o) U, F
- p) U, F

No, there are no implementation requirements because the system does not specify any temporary features needed for transitioning to the new system.

### **Problem 5.9, Stephens page 115**

Must

- Improved word list

Should

- Multiplayer mode
- Different difficulty levels

Could

- Themed word categories
- Leaderboard

Won't

- In-app purchases