

What were the outcomes of the prior phase?

1. What did I plan to do?
 - a. Come up with possible design concepts for the project
 - b. Select design concepts that best answer the problem being handled
 - c. Ask questions about feasibility of a selected design concepts
 - d. Maintain an organize file structure for EDGE and Google Drive used by the team
 - e. Gather information for the project / Become familiar with the project
 - f. Learn more about how model railroad systems work, specifically how the RIT Model Railroad Club has their system set up
2. What did I actually do?
 - a. Edited Problem Statement to reflect what is expected of the team for the project
 - b. Selected a feasible design concept based on analysis
 - c. Maintained EDGE to have proper links to pages / documents
 - d. Maintained organized file structure for both EDGE site and Google Drive
 - e. Provided risks that could be possible during the project timeline
 - f. Researched information for the project
 - g. Gathered information about how the RIT Model Railroad Club model railroad system works / operates
 - h. Became familiar with the customer
 - i. Gained better understanding of problem definition and statement
 - j. Started brainstorming ideas for software and hardware that can possibly solve the problem
3. What did I learn? How were plan and reality different?
 - a. The selected design concepts may not solve problems as easily as initially thought
 - b. How the team functions / works together under different circumstances (member missing from meeting, member not
 - c. The process it takes to gather the information needed to solve a problem
 - d. Plans may not always go as planned and the team should be prepared to discuss the situation and come to a solution / compromise
 - e. There is a lot more information needed to get a full grasp of the project than initially given
 - f. Learned about what parts of the project I will be contributing to

Team level goal for next phase

By the end of the Proof-of-Concept Phase 3, we plan to complete the following phase-specific deliverables while further understanding the design, limitations, and requirements against customer satisfaction.

3.1 Proof-of-concept (POC)	21 days	Tue 2/26/19	Tue 3/26/19	Derek	
3.1.1 Analysis	21 days	Tue 2/26/19	Tue 3/26/19	Denisse	Denisse
3.1.2 Simulation	21 days	Tue 2/26/19	Tue 3/26/19	Rui	Rui
3.1.3 Prototyping	21 days	Tue 2/26/19	Tue 3/26/19	Kevin	Kevin
3.2 Requirements Flow Down to Subsystems	21 days	Tue 2/26/19	Tue 3/26/19	Denisse	Denisse
3.3 Design Output	21 days	Tue 2/26/19	Tue 3/26/19	Derek	Derek
3.4 Risk Assessment	21 days	Tue 2/26/19	Tue 3/26/19	Marianna	Marianna
3.5 Mitigation Plans	21 days	Tue 2/26/19	Tue 3/26/19	Marianna	Marianna
3.6 Triggers	21 days	Tue 2/26/19	Tue 3/26/19	Rui	Rui
3.7 Test Plan Updated	21 days	Tue 2/26/19	Tue 3/26/19	Derek / Kevin	Derek / Kevin

What do I plan on doing to ensure that my team has a successful review at the end of the next phase?

1. Each team member should estimate 5-10 specific tasks that he or she will complete.

3 Preliminary Detailed Design	21 days	Tue 02/26/19	Tue 03/26/19	
3.1 Proof-of-concept (POC)	21 days	Tue 02/26/19	Tue 03/26/19	Derek
3.1.1 Analysis	21 days	Tue 02/26/19	Tue 03/26/19	Denisse
3.1.2 Simulation	21 days	Tue 02/26/19	Tue 03/26/19	Rui
3.1.3 Prototyping	21 days	Tue 02/26/19	Tue 03/26/19	Kevin
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3.6 Triggers	21 days	Tue 02/26/19	Tue 03/26/19	Rui
3.7 Test Plan Updated	21 days	Tue 02/26/19	Tue 03/26/19	Derek / Kevin

Figure 1: Phase 3: Proof-of-Concept – WBS

3.1.1 Proof-of-Concept – Analysis

3.2 Requirements Flow Down to Subsystems

2. When will each task take place? Does sequencing matter?

Tasks are to be completed in order. However, if changes are needed, then priorities will be changed to accommodate for the changes. If anything can be done beforehand, it may / may not be done ahead of time as well.

3. Estimate the amount of time each task will take – ensure that you are not committing yourself to do 80 hours of critical-path work alone during the next three weeks.

3.1.1 Proof-of-Concept – Analysis → 5 days (this may be longer depending on what results show during analysis and / or simulation / testing; timeline of other tasks before)

3.2 Requirements Flow Down to Subsystems → 5 days (this may be longer depending on what results show during analysis and / or simulation / testing; timeline of other tasks before)

4. How do other team member tasks impact my task completion, and vice-versa?

If analysis is delayed, prototyping and / or simulation cannot move forward as quickly since it will be needed to determine what will be needed for both tasks. Finalizing decisions with the team needs to go through process of discussion / planning which takes time into completing tasks
Finalizing documents will take time for teammates to agree on.