

Android Mobile Application Development

Agile Phases

Envision

Envision phase project vision due:

Describe the vision for the app you're planning. If you have multiple ideas at this point create a project vision for each one. Your project vision should include the following:

- Vision
 - Objective
 - Target customer
 - Key benefits
 - Purpose
- Mission
 - Product description/summary statement
 - Minimum Viable Product (MVP)
 - Scope/boundaries
 - Target users
 - Competition
 - Differentiation
- Success criteria
 - Criteria for meeting your vision
 - How will you measure success?

Speculate

Speculate phase iteration 1 plan due:

Describe your plan for iteration 1. Your plan should include the following:

- Transform requirements into detailed features/tasks
 - A feature is a piece of functionality that focuses on a specific business need
 - A task is any piece of work needed for the project (research, prototype, development, etc)
- Prioritized feature/task list (ALL possible features)
 - can use categories such as high, medium, low priority
- Estimated workload for each feature/task
 - In the first iteration you should estimate the work effort for ALL features (this will help you with the next part)
 - In future iterations estimates might need to be adjusted
 - Relative estimates are fine
 - Categorize using buckets
- Work planned for iteration 1
 - Clearly describe the outcome of iteration 1
 - Make sure the outcome of iteration 1 will be something you can get feedback on

Explore

Iteration 1 explore phase due:

Submit all work done for this iteration.

- Turn in your iteration 1 deliverables in your github repo.
 - Research
 - Prototypes
 - Implemented features
- Did you accomplish your goals for this iteration?
- How did you spend your time during the Explore phase?

Adapt

Adapt phase iteration 1 due:

Describe in detail the feedback you received in iteration 1. Capture everything here as you'll use this as the basis for the next iteration.

- Documented feedback
 - Document the feedback areas, stakeholder, approach, and methods used
 - Include the full set of interview questions, survey, user scenarios, etc..
 - Document the resulting feedback in detail
 - Include the complete set of feedback data
 - Document the feedback in whatever way you feel is most appropriate
 - Photos, sketches, renderings, screenshots, videos, text, etc
 - Summary of feedback
 - Summarize the findings from your feedback
- Lessons learned
 - Based on the feedback, what did you learn?
 - What was unexpected / what lessons did you learn?
 - What worked, what didn't work?
 - What did you accomplish? Reflect on your time management.
 - Any changes to be made?

Adapt/Close

Adapt/close phase iteration 2 due:

Describe in detail the feedback you received in iteration 2. As this is the final iteration describe the final outcome of your project.

- Documented feedback
 - Document the feedback areas, stakeholder, approach, and methods used
 - Include the full set of interview questions, survey, user scenarios, etc..
 - Document the resulting feedback in detail
 - Include the complete set of feedback data
 - Document the feedback in whatever way you feel is most appropriate
 - Photos, sketches, renderings, screenshots, videos, text, etc
 - Summary of feedback

- Summarize the findings from your feedback
- Lessons learned
 - Based on the feedback, what did you learn?
 - What was unexpected / what lessons did you learn?
 - What worked, what didn't work?
 - What did you accomplish? Reflect on your time management.
 - Any changes to be made?
- Did you meet your success criteria from your project charter in the Envision phase?
- Lessons learned
- Future plans