Wiki Walks Transition Phase Status Assessment

Introduction

The goals of the Transition Phase are to:

* Test the app and server to make sure that it is ready for the end user and the production environment.
* Ensure the app and server are free from any bugs and defects.
* Have the Wiki Walk stakeholder/sponsor sign off the app for its functionality.

The below shows how these goals are achieved.

1. Having the Wiki Walks app developed to the stage where it is ready for the production environment.
2. Test and record all use cases to ensure that there are no known defects or bugs.
3. Create programmer documentation that will help programmers and developers understand how the Wiki Walks app and server work.
4. Produce a demo video for the final version of the app to show to the stakeholder/sponsor.
5. Have to sponsor/stakeholder sign off the production version of the Wiki Walks app.

This report talks about the progress of the app and if we were able to meet the project aims. It also goes through any issues that the team faced along the way.

**Executive Summary**

1. A final version of the Wiki Walks can be found on the Wiki Walks GitHub here.
2. A product demonstration video has been created and can be found here. The video goes through all of the major functions in the app.
3. The final version of the app currently has no known bugs or defects.
4. The programmer documentation contains all of the required information for a programmer or team to understand and maintain the Wiki Walks app.
5. The stakeholder documentation has been signed off and can be found here.

Everything that is required for the transition phase has been completed.

This includes the programmer documentation, sponsor demonstration, beta test results, sponsor stakeholder signoff and a production ready version of the Wiki Walks app.

**Remaining Risks**

Outages

If the WikiWalks server goes down the app will be unable to access data and lose most functionality. This can be easily avoided by monitoring the status of the server or having two servers with a load balancer so if one server goes down the other server can take over.

Data loss

Loss of data for the Wiki walks server can be avoided by backing up the database regularly. These backups can then be restored if something happens to the database.

1. Deliverables

Some links my be missing and can be found on the Wiki Walks group wiki [here](https://interact2.csu.edu.au/webapps/Bb-wiki-BB5c1c4db3261aa/wikiView?course_id=_48053_1&wiki_id=_28403_1&page_guid=af0f3efcd9d74d90a2f7bbc17f3fdae5).

* 1. Production Ready Version of the Product

All major use cases have been implemented.

The production ready version of the Wiki Walks app can be found [here](https://github.com/GoJoeyGo/WikiWalks/tree/master) and the compiled .apk can be found [here](https://github.com/GoJoeyGo/WikiWalks/releases/download/0.1.2-beta/WikiWalks-0.1.2-beta.apk).

* 1. Beta Test Results

The beta testing results can be found here.

* 1. Programmer Documentation

The programmer document has been completed and contains all relevant information and UML diagrams. This includes the Wiki Walks system architecture and all other information a programmer will need to start maintaining the Wiki Walks app and server.

The programmer document can be found [here](https://github.com/GoJoeyGo/WikiWalks/blob/master/PRM_Deliverables/Programmer%20Guide.docx).

* 1. Sponsor Demonstration

The sponsor demonstration can be found [here](https://drive.google.com/open?id=17BmHwZc0HlA0fnLs0hSuqhQTeQBtKgfm).

* 1. Sponsor Stakeholder Signoff

The sponsor stakeholder documentation can be found here.

1. **Iterations**
   1. **Transition Iteration 1**

The goals for this iteration was to do the below.

1. Have a draft presentation written.
2. Optimize the app by cleaning up the code and the libraries.
3. The programmer documentation should be started, and the required UML diagrams should be started.

**Issues during this iteration.**

* The team encountered no issues during this iteration.

**Summary**

Not much was done in this iteration, but the project is currently ahead of schedule. The app Has been finalised/Optimized and the programmer document/presentation have been started. The current project status is GREEN as we are currently ahead of schedule.

* 1. **Transition Iteration 2**

The goals for this iteration was to do the below.

1. A draft for the presentation has been completed
2. The programmer documentation has been completed
3. UML diagrams for the programmer documentation has been completed

**Issues during this iteration.**

* There were no issues during this iteration.

**Summary**

All of the goals were reached during this iteration. Programmer documentation is comprehensive and contains the UML diagrams. The draft for the presentation has been completed.

The current status of the project is GREEN.

1. **General Issues**

There were no issues faced by the team during this phase of the project.

1. **Overall Assessment Against Project Objectives**

The app has to the functionally to do most of the use cases/product needs that were stated in the vision document apart from the ability to cache paths offline. Also, all of the business rules mentioned in the requirements document have been implemented.

* 1. **Functional Requirements**

• The user is able to record and submit a path to the Wiki Walks Server.

• User can schedule and attended group walks.

• The user is able to add Point of Interests to a path.

• The user can add to reviews to paths.

• User is having the ability to add images to POI’s.

• User can Bookmark paths.

* 1. **Non-Functional Requirements listed in order from Highest Priority to the lowest.**

**Performance**

The app is able to open quickly when you have a fast internet connection. Once open it is able to display all information and paths fairly quick.

**Scalability**

Not currently an issue but may require more hardware and more complex software to handle larger amounts of request made to the Wiki Walks Server.

**Backup**

The Wiki Walks server is currently hosted on the Google Cloud Platform and automatic backups can be setup when required.

**Ease of use**

The app is easy to use and has a consistent GUI, so it is easy to navigate and use.

**Reliability**

There is currently only one sever but it is hosted on the Google Cloud Platform and can be easily monitored. Without the server the app is useless.

**Privacy**

Even though most users don’t care about privacy anymore it is still important to store all sensitive information in a secure way.

<Provide an assessment of outcomes achieved for key NFRs identified in the LCOM status assessment>