

SOFTWARE RELEASE PLAN – Q & A MOBILE APPLICATION

Opening

The following document is a logistical outline and release plan for a questions and answer mobile application called CorgStack. All tasks required for this version of our application will be planned for in this outline. The required tasks for the release of our product will be mapped out, analyzed and delegated appropriately to specific team members. Planning will also entail potential project shortcomings, team member availability, and future releases.

Product Vision

CorgStack is a mobile questions and answers application, designed for Android devices. Users of our application will be able to author questions to others in our community of users. Once another user has an answer to a question, they can author a response to the question. The community of users can then determine which questions are deemed the best, by simply giving an “upvote” or a point to the most deserving answer or answers. Our application is intended to have a wide range of functional aspects for users, such as the aforementioned voting system, picture uploading and search functionality.

Development Status

This release for the CorgStack application is currently for the final release. All of the required production tasks and use cases have been completed by the team and the application is currently fully functional. The team has revisited each test case, and use case and has tested for functionality, and the product is successfully running with no indications of errors. After the final use case changed of geolocation were asked for by the user, they were implemented by the CorgFu Software team. The product is to be handed to the user in completion for December 1, 2014.

Client Requirement Changes

The client has requested one of two changes be added to the CorgStack product. The client would like for the product to either be geolocation aware or word cloud analysis. The CorgStack team chose to implement a geolocation implementing product.

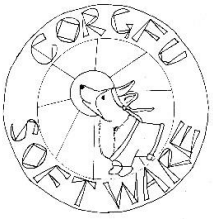
Previous Releases

The product has had two previous releases:

CorgStack Release 1 – This was the release for Project Part 2 that implemented activity switching for about a quarter of the activities. This was also the release in which the test cases were created but not implemented. At this point all use cases were mapped out and a plan was set.

CorgStack Release 2 – This was the second release, for Project Part 3. This release was a product prototype, showcasing most of the product functionality. This product had over half of the use cases completed, including the adding and browsing questions, sorting questions and more.

Previous versions of the release plan are located in the project wiki.



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Tasks Completed for this Release and Order of Precedence

The tasks required for this version of the release will have different orders of precedence, resulting in certain tasks being completed before others. The following table shows required tasks, and their current priority value for this version of the release.

Priority values will range from 0-3.

4 – Not a priority (can wait for future releases)

3 – Minimal priority (If all tasks for this release are done, this can be done)

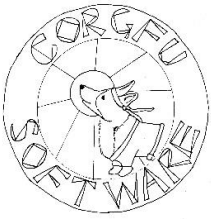
2 – Priority (Should be done for this release)

1– High Priority (Needs to be done immediately, other aspects require this)

Geolocation		
Tasks	Priority	Assigned To
Add geolocation to the Storyboard	3	Wyatt Fleming Alex Makepeace
Addition of geolocation use cases and test cases	2	Wyatt Fleming Alex Makepeace
Implementation of geolocation in code	1	Wyatt Fleming Alex Makepeace

Product UI and Elastic Search		
Tasks	Priority	Assigned To
Fix issues related to UI and Searching	1	Wyatt Fleming Alex Makepeace
Implement searching in the elastic search	2	Wyatt Fleming Alex Makepeace
Write a JUnit test cases for all of the tests	2	Wyatt Fleming Alex Makepeace

Object Oriented Analysis		
Tasks	Priority	Assigned To
Continuous Model View Controller maintenance	3	Wyatt Fleming, Devon Sigurdson, Ahmed Beshry
Create UML class diagrams (using active MVC)	1	ALL
Add known attributes and methods to UML	3	ALL
Add notes to UML	2 - 3	ALL



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Class creation and UML integration into code	1	ALL
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Answers and Replies		
Tasks	Priority	Assigned To
Create UI for answers and replies	1	Anthony Wu Oleksii Shevchenko
Create activities for answers and replies	1	Anthony Wu Oleksii Shevchenko
Implementation of answer and replies requirements	1	Anthony Wu Oleksii Shevchenko
Compress Images	1	Anthony Wu Oleksii Shevchenko
Add pictures to questions	1	Anthony Wu Oleksii Shevchenko

Data Management		
Tasks	Priority	Assigned To
Push content when offline	1	Ahmed Beshry Devon Sigurdson
Author offline and doing anything while offline	1	Ahmed Beshry Devon Sigurdson
Saving offline and online data	1	Ahmed Beshry Devon Sigurdson
User profile handling	2	Ahmed Beshry Devon Sigurdson
Create a user page with options	2	Ahmed Beshry Devon Sigurdson

Additional Requirements		
Tasks	Priority	Assigned To
Update UML	1	Ahmed Beshry Devon Sigurdson
Update JavaDoc	1	ALL
Testing Power Consumption	1	Ahmed Beshry Devon Sigurdson
Create a Video of the application use	4	Ahmed Beshry Devon Sigurdson
Update wiki, glossary and references	1	ALL



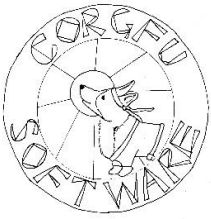
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Release Schedule

The Release schedule for this current version is mapped out in the table below. This has been matched with the tasks required, taking into account each students availability.

Week 1	
Date	Task
November 7, 2014	Fix UI bugs, and update release plan
November 8, 2014	Start implementation of elastic search searching
November 9, 2014	Picture addition implementation
November 9, 2014	Begin Answer and reply UI creation
November 11, 2014	Begin saving answers and replies for later viewing
November 12, 2014	TEAM MEETING

Week 2	
Date	Task
November 15, 2014	Complete picture addition to a question
November 16, 2014	Begin picture addition to an answer
November 16, 2014	Complete elastic search searching
November 17, 2014	Update UML overall
November 18, 2014	Compress images implementation
November 19, 2014	Begin pushing content offline code
November 19, 2014	TEAM MEETING
November 20, 2014	Update UML based on changing team requirements
November 21, 2014	Update Glossary if needed



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Week 3 to deadline	
Date	Task
November 22, 2014	Complete picture addition to a answers
November 22, 2014	Begin geolocation implementation (use cases, testing and code)
November 23, 2014	Finish offline content pushing
November 24, 2014	Update UML overall
November 25, 2014	Complete Answers and Replies completely (any remaining tasks)
November 25, 2014	Complete Questions and Data Management (any remaining tasks)
November 26 2014	TEAM MEETING
November 27, 2014	Create video of application demo
November 28, 2014	Do Power consumption tests
November 29, 2014	Final application run through
November 30, 2014	Complete Revised realease plan

Tentative Future Release Schedule

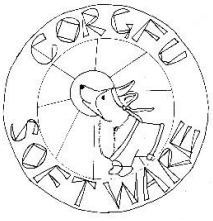
After the completion of Project 4 (Final Release), there will be product maintenance schedule. The application will be tested weekly and any updates will be done weekly if necessary. The application will undergo vigorous testing and take in client and user feedback. Upon taking the user feedback, we will be updating the application to better fit their needs.

Issues and Concerns

At this stage in the project, the team is currently on track to meet the project deadline, and facing no issues to inhibit the team from reaching the deadline.

Communication and Logistics Plan

The team is currently using the GitHub issue tracker for any issues or uncertainties relating to the project. The team also meets once or twice a week, conducting short scrum style meetings in order to ensure all requirements are being met and that all the team members are on track.



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Expected Release Date

Product is expected to be released on December 1, 2014.

Conclusion

The CorgFu Software team is currently on track to develop the CorgStack mobile android application. The team has tasks assigned for their final release and is on track to having them completed for the expected release date. After the product is handed to the user, the team has planned to do a weekly maintenance and testing procedure. The team will address user feedback and make the necessary changes for future releases. The team is glad to say that for the product release, it has completed every expected requirement from the client. The CorgStack final release is being released on December 1, 2014.