**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.

**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)

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| **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 |

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| **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 |

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| **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 |
| 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 |

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| **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 |

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| **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 |

**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.

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| **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** |

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| **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.

**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.