

Ragtag Group of Insurance Wizards
Software Development Plan

| | | Development Plan | Test and Demonstration Plan |
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| Feb | 6 | <ul style="list-style-type: none"> • Setup Android application framework with Android Studio • Setup web application framework <ul style="list-style-type: none"> ◦ Javascript, jQuery, Materialize • Develop employee login interface • Develop Java information controller classes for submitting information to the SQLDB | <ul style="list-style-type: none"> • User (employee) can login to the web application with supplied username and password. |
| | 13 | <ul style="list-style-type: none"> • Setup Firebase Firestore <ul style="list-style-type: none"> ◦ Setup client collections • Develop the insurance application interface for the Android application • Develop web application navigation page interface | <ul style="list-style-type: none"> • User (client) can view the application interface and fill out text boxes on the Android app. |
| | 20 | <ul style="list-style-type: none"> • Develop web application search interface <ul style="list-style-type: none"> ◦ Search by client ◦ Search by policy number • Develop the insurance application status page for the Android application • Setup claims collection in firestore | <ul style="list-style-type: none"> • User (client) can submit an insurance application with the Android app. The system will display the application status page. • User (employee) can search by client name or policy number. |
| | 27 | <ul style="list-style-type: none"> • Develop a view client/policy interface for the web application search feature. • Develop Android application navigation interface. • Develop the manage policy interface for the Android application <ul style="list-style-type: none"> ◦ Add/delete car | <ul style="list-style-type: none"> • User (employee) can view client/policy pages from search feature. • User (client) can view the manage policy interface. |
| Mar | 13 | <ul style="list-style-type: none"> • Develop the manage policy interface for the Android application | <ul style="list-style-type: none"> • User (client) can use the manage policy interface to add or delete cars and drivers from their policy. |

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| | 20 | <ul style="list-style-type: none"> • Develop review applications interface • Categorize applications into submitted, open, and closed | <ul style="list-style-type: none"> • Employee can review submitted, open and closed applications |
| | 27 | <ul style="list-style-type: none"> • Develop the submit a claim interface for the Android application <ul style="list-style-type: none"> ◦ Gather initial information about incident ◦ Use Google Maps API for GPS location ◦ Use Android camera to take pictures of the scene | <ul style="list-style-type: none"> • Employee can accept open applications to create a new client • Employee can modify data of clients |
| Apr | 3 | <ul style="list-style-type: none"> • Develop the manage claims interface for the website. <ul style="list-style-type: none"> ◦ Grab data about incident, GPS location, and photos if provided ◦ Use Google Street View API to view the location of the incident remotely | <ul style="list-style-type: none"> • User (client) can submit claim information using submit a claim interface. • User (employee) can use search feature to search by claim number |
| | 10 | <ul style="list-style-type: none"> • Autofilling button for quick demonstration during presentation <ul style="list-style-type: none"> ◦ Android and web versions • Add useful development tools | <ul style="list-style-type: none"> • User (employee) can use the manage a claim interface to view details about the claim • User (employee) can use the Street View API to view the location of the incident. |
| | 17 | <ul style="list-style-type: none"> • Bug testing and finalizations | <ul style="list-style-type: none"> • In the presentation version of the application, the user will be able to click a button to autofill with dummy information |
| | 24 | <ul style="list-style-type: none"> • Bug testing and finalizations | <ul style="list-style-type: none"> • Present any known bugs/issues |