Apple Tree Project Application

Deliverable 1 App Design:

Task	Number	Month Due
Create visual design	1.1	November
Adjust visual design to sponsor feedback	1.2	November
Sketch out all required app's functions	1.3	November
Discuss with sponsor about design of functionality for app	1.4	November

Needs a page for each data input, submitting data takes users to the next page.

Deliverable 2 App Development:

Main Menu Created	2.1	December
Database Creation	2.11	December
Input individual tree measurements	2.2	January
Input Orchard Measurements	2.3	January
Photo functionality	2.4	February
Save Measurements to Database/Upload	2.5	February
Create Graphics (if needed)	2.6	March
User authentication and registration implemented	2.7	March

Deliverable 3 App Testing:

Test if app located accurate position	3.1	March
Test if app updates correct information	3.2	March
Test for offline functionality	3.3	April
Test user authentication method	3.4	April

Deliverable 4 App Finalization:

Finish final project report	4.1	May
A demo for the app that shows functions	4.2	May
Include videos of operating the app	last	May

Work Breakdown:

Tanner Ball	Backend Team - Database
Shanli Ding	Frontend Team - Mobile app design/deploy, create app functions
Alexander Haynie	Backend Team - Database/linkup,graphics
Yang Li	Backend Team - Database/create database on the AWS
Qihang Mao	Frontend Team - Mobile app design/deploy, create app functions

Zach Morrissey	Frontend Team - Mobile app design/deploy, create app functions