



Capstone Timeline:

- Phase 1 - Week 8
 - Complete mock up of design and revise as needed throughout the project.
 - Sketch a UML to help with the coding.
 - Find a way to get weather updates while the app is not running (this would be ideal but I could also keep the app running too).
 - Figure out how to set alarms in an app.
 - Start coding the classes for the app as determined by UML (carries over into phase 2)
 - Weather class
 - ♣ Use api to get weather data
 - ♣ Code logic to determine chance of rain
 - Alarm class
 - ♣ Store alarms as internal data
 - ♣ Update while app isn't running
 - Fragments
 - ♣ AlarmList - display alarms in a list
 - ♣ AlarmSet - all controls for the alarms
- Phase 2 - Week 12
 - Code the classes for the app: determined by the UML
 - Code some unit tests for my classes; if it's dependent on weather I will need them to see if it works.
 - Test the classes.
 - ♣ Save alarm test
 - ♣ Set alarm test
 - ♣ Rain threshold test
 - Does it change alarm
 - Does the external weather source work
 - Consider revisions - last chance.
 - Finalize coding and make sure everything works.
- Phase 3 - Presentation
 - Design a Logo.
 - Create a power point presentation.
 - Release app on the Play store.