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.