# CST 8288 Capstone Project Part II Report

## Step 1: Set up

* Create new Dynamic Web Project in Eclipse
* Configure the build path to include Tomcat and the JDBC connector file
* Create basic HTML file to include in the WebINF folder
  + Will need minimum 3 HTML pages: Login, Signup, Profile
* From the original Class Diagram, the Login and Registration classes will be Servlets
* Create the database
  + Make it manually in MySQL Workbench
* In order to collaborate, we are using Github (through the native Eclipse features)
  + Learning how to get Git to work in Eclipse was difficult for all of us
* Start report (*Caitlin*)

## Step 2: Begin Development

* Started by creating packages and files for needed classes
  + Beans package (*Caitlin*):
    - User (abstract superclass)
    - Guardian (don’t need Staff class yet)
  + DAO package (*Kara*):
    - ApplicationDao (CRUD for DB)
    - DBConnection (Just connects to DB)
  + InMemory package *(None yet):*
    - ApplicationInMemory (creates the objects in memory)
  + Services package *(None yet*):
    - ApplicationService (Interface for ApplicationDao and ApplicationInMemory classes)
  + Servlets package (*Erica*):
    - LoginServlet (handles the login page)
    - RegistrationServlet (handles registration of new users)
* Create basic HTML pages for the login and registration pages (*Kara*)
  + Later remember to add Home page for after sign in
* Continue having problems with Git every time we meet to work on the project