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Project Title: OO Weather Station

Status Summary

• Work Done: Written description of the work done in the first week of your project and (in the case of multi-person teams) the breakdown of work across team members.

    - Sarthak: Created the project web app structure and the web server set up. Created the web app using Eclipse Web Development Project. Added Apache and Tomcat to run the project on localhost. Implemented the Java servlet system to create a web container for the project. Implemented all of the front-end UI using JSP files and CSS: index.jsp ~ serves as our home page and all of the individual JSP pages for each city that the weather station supports.

    - Shane: Developed the database for storing weather information to tables related to each individual city. This was created using Eclipse WebDevelopment Project and Postgresql.

• Changes or Issues Encountered: Has anything changed so far in your approach to the project from the initial design in Project 5?

  - So far not much has changed in our approach to the project from the initial design.
  - We have the framework worked out for our database however it still needs to be fully implemented into the web app structure. A problem occurred when deploying the web app on Shanes laptop so implementation was delayed.

• Patterns: Now that you have more of your system implemented, please describe the use of design patterns so far in your prototype and how they are helping you or your design. - It has been very challenging so far to figure out how to build the webapp structure itself, since neither of us has any experience in java based web development. We spent a majority of the time figuring out the mechanics of how we could build a java webapp, in terms of the different softwares we need to use, as well as the different dependencies needed to be installed. Thus far, the bulk of the project which was the setup and UI is done. It should be pretty straightforward to implement the displays and manipulation of the data via the design patterns. Therefore we will be implementing the design patterns starting Monday, April 18.