Project Status

Current Status

On this page you can find a summary of the completed tasks to date based on the planned tasks and schedule.

All the tasks, issues, bugs can be found at Jira (Issue Tracking System).

✅ =Done | ⚠️ =Postponed | 💡 =In progress

Task 1: Software Engineering and Administration (Week 1)

- ✅ Create and configure Jira issue tracking
- ✅ Create and configure SVN repository
- ✅ Create and configure Confluence wiki
- ✅ Setup Development environment and document steps on wiki
- ⚠️ Create and configure Hudson continuous build
  - Moved to Task 4
- 💡 Create development mail group
  - Need to find who will be in the mailing list
- ✅ Locate appropriate hardware
- ✅ Configure web server for the application

Task 2: Building the Spatial Database (Week 2)

- ✅ Configure PostGIS database
  - ~~Waiting for the hardware to be ready~~
- ✅ Obtain and clean Illinois Census Tract Data
- ✅ Import Illinois Census Tract Data into database
  - ~~Wating for the PostGIS DB~~
- ✅ Obtain and clean sample business location data
- ✅ Import into sample business location data into database
  - ~~Wating for the PostGIS DB~~
- ✅ Test accuracy of database with imported data
- ✅ Test performance of database with imported data

Task 3: Building the Web Feature Server (Week 3)

- ✅ Install and configure Geoserver
- ✅ Configure Geoserver for census tract data
- ✅ Configure Geoserver for business location data
- ✅ Create visual styles for census tract data
- ✅ Create visual styles for business location data
- ✅ Test accuracy of Geoserver with imported data
- ✅ Test performance of Geoserver with imported data

Task 4: Develop Initial Map Component (Week 4, 5, 6, 7)

- ✅ Make technology preview version of mapping (point and polygon mapping)
- ✅ Create client-side implementation of mapping component
- ✅ Overlay with Google map data
- ✅ Overlay with census tract (polygon) data
- ✅ Overlay with business location (point) data
- ✅ Test accuracy of mapping component with imported data
- ✅ Test performance of mapping component with imported data
- ✅ Release v0.1 (Release Note: http://jira.ncsa.uiuc.edu/secure/ReleaseNote.jspa?projectId=10160&version=10181)

Task 5: Develop Query of Business and Census Tract

- ✅ Release v0.2 (Release Note: http://jira.ncsa.uiuc.edu/secure/ReleaseNote.jspa?projectId=10160&version=10213)

Task 6: Finalizing Features

- ✅ Release v0.3 (Release Note: http://jira.ncsa.uiuc.edu/secure/ReleaseNote.jspa?projectId=10160&version=10221)
- ✅ Release v0.4 (Release Note: http://jira.ncsa.uiuc.edu/secure/ReleaseNote.jspa?projectId=10160&version=10231)

Completed Tasks

type	key	summary

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View these issues in Jira