

## Epics

# E1 As a user I want the system to have a graphical user interface so that I can make and process requests easily.

- E2 As a user I want the system to be able to calculate longitude/latitude pairs from street complete street addresses so that I can locate them on a map.
- E3 As a user I want the system to be able to calculate longitude/latitude pairs from partial (i.e., using only the name and number) street addresses so that I can locate them on a map.

### **Sprintable Stories**

ID Story

- S1 As a user I want the GUI to have components that allow me to read in a data file so that I can choose a particular geographic region.
- S2 As a user I want the GUI to have components that allow me to enter the parts of a street address individually so that I don't have to remember a specific format.
- S3 As a user I want the GUI to have components that allow me to choose from a list of alternatives rather than type wherever possible to reduce the number of data entry errors.
- S4 As a user I want the GUI to have components that allows me to request that an address be geocoded so that I can enter an address in any order.

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### Nearby

Personal Navigation Systems, En-route and Mobile Commerce, Location-based Services, and Geographic Tracking/Location Services

#### **Sprintable Stories**

S1, S2, S3, S4, S5, S6

Not Part of this Sprint

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Acceptance Criteria

- S5 As a user I want the GUI to have components that display the result of a particular geocoding request as text so that I can copy and paste it into other applications.
- S6 As a user I want to know when a geocoding operation was unsuccessful so that I know when it has completed.



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