


# Deliverable 2


October 3, 2016

## 1 Personas

### Hanno Rein:

- Speaks primarily English 
- Assistant Professor at the University of Toronto in the Department of Astronomy and Astrophysics
- Uses a Mac to for all his work projects
- He is quite knowledgeable in technology and is comfortable with shell interfaces
- In fact, he maintains his own online catalogue, mobile app, and Github repository
- He believes that open source projects offer an efficient way of collecting data but would like to ensure that his catalogues maintain a high standard of accuracy
- He wants a simple tool to help him update the information on his catalogue
- He prefers a command line interface so that it is easy to run and straightforward to use
- He wants to be able to quickly verify incoming data on a daily basis as well as automate approving updates when he's not available

### Anne Hather Persons:

- Speaks primarily English 
- Professor and Researcher in Astronomy at city University
- Uses a Windows machine to do all her work
- Knowledge of technology is quite simplistic
- Not familiar with command line tools but she is comfortable in learning new technology
- Recently appreciated the concept of open source planetary catalogues
- Does not have her own catalogue set-up but would like to contribute her works to existing open-source catalogues

## 2 User Stories

- As Hanno (an admin), I want to be able to add sources of external catalogues for which my catalogue should get updates from
- As Hanno (an admin), I want to be able to configure a template file of the data format for each source so that I can modify it if their data format changes later
- As Hanno (an admin), I want a command to list of all planetary systems that have been updated in other catalogues since the last commit
- As Hanno (an admin), I want to be able to open a file to see the information of a system that has been updated from another catalogue
- As Hanno (an admin), I want to see a column separated list of the values of the updated system corresponding to the table columns of my repository
- As Hanno (an admin), I want to be able to manually push and commit updates from other catalogues to my git repository so that I can immediately add updated information to my catalogue
- As Hanno (an admin), I want to be able to schedule when the tool should automatically commit updates from other catalogues
- As Hanno (an admin), I want a notification on the desktop to appear when there is an update from another catalogue found
- As Hanno (an admin), I want to change the units of measurements that updates from other catalogues should be converted into before committing to my repository
- As Hanno (an admin), I want the tool to be able to match the same systems based on their descriptions even though they might have a different planet names in another catalogue
- As Hanno (an admin), I want to see potential typos surrounded with an asterisk when manually reviewing
- As Hanno (an admin), I want to be able to run the tool on a Mac or Unix device
- As Hanno (an admin), I want to be able to store and validate available updates offline and have them committed the next time I connect back to the internet
- As Anne (an admin), I want a command that will output a manual of all commands and how to use them
- As Anne (an admin), I want to be able to run this tool on a Windows machine

