DELIVERABLE 2

Personas and User Stories

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Personas

John Smith

Age: 42
Gender: Male
Occupation: Astrophysics Researcher
Education: PhD in Astrophysics

John is an astrophysics researcher at a Canadian national observatory. He spends his days conducting observations of the night sky and analyzing the data. His research involves discovering, observing and documenting exoplanets. With the increasing rate at which exoplanets are discovered, John has a hard time keeping up to date on the latest discoveries.

About John:

Skills:
- Very technical oriented
- Uses his laptop and cell phone extensively
- Understands and uses databases thoroughly
- Strong understanding of Mathematics, Technology, and Astrophysics
- Fluently speaks English, French, Spanish

Environment:
- Spends long hours at work focusing on his research at the observatory
- Very organized, adaptive and obsessive about details
- Values his time and quality of work
- Likes to keep up to date on new advances in the Astrophysics field and technology

Family/personal:
- Has 2 kids and a wife
- Likes to spend his time with his kids and wife
- Takes his family out for some short getaways over the weekend
- Enjoys reading books on personal development in his spare time

Goals:
- Wants a highly configurable, up-to-date and accurate catalogue of all discovered exoplanets

Alice Brown

Age: 34
Gender: Female
Occupation: Astrophysics Professor
Education: PhD in Astrophysics

Alice is a Professor at the University of Toronto in the Astrophysics department. At the university, she is an instructor for a wide range of undergraduate level astrophysics courses every semester. Between lectures, office hours and her personal life she maintains a packed schedule.

About Alice:

Skills:
- Capable of basic computer use. Mostly used for word processing, web browsing and emailing for managing her courses. She doesn't like to deal with computer problems when they arise and opts for contacting IT support.
- Uses her work computer at her office and uses laptop on the go
- Very knowledgeable in astrophysics and mathematics

Environment:
- Teaches many university courses
- Very busy schedule between work and personal life
- Fast and efficient worker
- Prefers to work with pen and paper whenever possible

Family/personal:
- enjoys spending time with her husband
- Watches movies and TV shows in her spare time

Goals:
- Wants an up-to-date catalogue of exoplanets for casual reference

USER STORIES

John

1) I John, a researcher, want the newly discovered exoplanets and their systems in the other catalogues (NASA and exoplant.eu) added to the open exoplanet catalogue.

2) I John, a researcher, want to be able to manually update the catalogue by merging the new entries from the other catalogues by running the program through the command line.

3) I John, a researcher, want to be shown all new additions and changes made to pre-existing entries in the catalogue when manually merging with other catalogues.

4) I John, a researcher, want to be able to resolve individual conflicts when merging, by choosing which version of a conflict to merge into the catalogue.

5) I John, a researcher, want to be able to configure how often the program runs to automatically merge.

6) I John, a researcher, want to be notified by email of any conflict when an automatic merge occurs, so I can manually choose which conflicts to merge.

7) I John, a researcher, want to get a report by email after an automatic merge, containing the changes and additions made to the catalogue.

8) I John, a researcher, want the git repository to be updated with a successful merged catalogue, so that I have a log of all merges/changes made to the catalogue.

9) I John, a researcher, want the new changes when merging to match the units and format of my catalogue.

Alice

1) I Alice, a professor, want the application to automatically and regularly update the catalogue by merging other catalogues with it.

2) I Alice, a professor, want the merge to automatically solve any conflicts and apply the changes without my input.