**Red Team**

**Stargazer**

**Automatic Telescope Control System**

**Release Notes: Release #6**

**Team Members:**

Rob Grmek

Robert Smith

**Instructor:**

**Youry Khmelevsky**

**Course:**

**COSC 471**

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# ****Release Notes: Prototype: Release #6****

In this release, new mobile views have been created for the user to interact with the web application and adjusted with usability in mind.

Furthermore, finishing touches have been completed with regards to telescope parking and scheduling the telescope to a celestial object that is part of the library.

Also, there have been many improvements have been made to online help. A new administration section was added and has been refactored.

#### Repository Information:

This release is tagged on our GitHub repositories (both in documentation and as an application) as release: v6.0.0

How to checkout a tagged version (after cloning the remote GitHub repository):

|  |
| --- |
| git checkout v6.0.0 |

To view the release for the web application, please view our repository: <http://github.com/RedTeamCOSC470/Stargazer>

Note: see the “Downloads” tab in this repository to download the files in zip format.

To view the release for the telescope-controlling application, please view our repository:

<http://github.com/RedTeamCOSC470/Controller-Application>

To view the release for the Stargazer documentation, please view our repository:

<http://github.com/RedTeamCOSC470/Documentation>

Steps on environment set up and configuration to run the Stargazer system can be viewed in the developer’s guide.

#### Web Application Features Completed:

The following development for the web application was completed this iteration:

* Mobile devices: new views have been added and forms have been improved to increased usability.
* Celestial object inputs: validations added so that they are mutually exclusive and jointly exhaustive.
* Online help: a new administration section has been added and the design refactored. Only administrators will have access to this section of the online help.
* Online help: new images have been added to improve its usefulness.

#### Web Application Features Incomplete:

The following features have to be postponed for next iteration:

* Integration of a digital camera with the system due to delays in receiving the necessary equipment.

#### Web Application Bugs:

The following list indicates what bugs and issues are present in this current release:

1. The test environment has issues because of Ruby gems that have been used. Currently, the test database will load with errors as there is an issue with re-creating the environment from the schema.rb file which is incorrectly generated from the migrations that have been set up.

#### Web Application Testing:

Testing information can be viewed in the Stargazer test plan document. A quick review will be placed here.

For development, the web system can be viewed at the following URL: <http://cis470star09f.okanagan.bc.ca>

To login with an account with admin privileges, go to use:

Username: admin

Password: stargazer09

To login with an account with regular user privileges, use:

Username: user

Password: test

Reminder: the telescope must be turned on before the jobs which control the telescope are scheduled to run.

Furthermore, in order to run the unit test suite for the web application, go to the root of the web application and then run the following command:

|  |
| --- |
| rake test:units |