**Red Team**

**Stargazer**

**Automatic Telescope Control System**

**Release Notes: Release #3**

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**Course:**

**COSC 470**

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# ****Release Notes: Prototype: Final Release****

We have begun construction and implementation of the second prototype for the web application.

We added functionality for:

* Online help: online help is added for the web application.
* Schedule duration: schedule duration must either be given as a number of pictures to be taken OR a set time limit before a schedule will be considered complete.
* Images: images can be uploaded to the web application. They need to be stored onto the local file system. There is post processing so a medium-res and thumbnail (small-res) images are also made. An image belongs to a schedule and a schedule can have many images.
* Tests: unit tests needed to be updated and fixed as a lot of changes were made to the models.
* Added SSL support to Apache web server; users can now connect via HTTPS to the web application, however the certificate is self-signed at the moment.
* Now, the page listing the schedules enables the user to select a date then it will find all schedules for that date. Then, the user may create a new schedule and keep adding schedules for that date. Conversely, a user may view all schedules and, if the user clicks the new schedule button, will by default make a new schedule for the current day.
* Mobile devices: added a login page, schedule listing (index action), schedule specific page (show action on a specific schedule), and listing of images (as well as showing high resolution images if the thumbnail is clicked).

Bug Fixes:

* No longer can normal users add, edit and delete images pertaining to a particular schedule. Only admins have this privilege.
* Fixed a bug which failed to display schedules (when show action is used) when the user who owned that schedule was deleted.
* Fixed a bug with the filtering of schedules (on the schedules index page) due to misinterpretation of date formats when passed in through the URL. i.e. “2009-12-04” was being passed in “2009-12-4”.
* Fixed CSS with Nokia devices so it is much easier to read.