**Red Team**

**Stargazer**

**Automatic Telescope Control System**

**Release Notes: Release #1**

**Team Members:**

Jason Dunscombe

Rob Grmek

Robert Smith

**Instructor:**

**Youry Khmelevsky**

**Course:**

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# ****Release Notes: Prototype: Release #1****

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

We added functionality for:

* Authentication: users must first login to access any functionality of the site.
* Authorization: certain users have certain privileges.
  + Admins: can create, edit and delete any schedule; can create, edit and delete any user; has access to online help and about.
  + Users: can create new schedules but can only edit and delete schedules they themselves have created; can only edit their own profile; has access to online help and about.
* Schedule log: allows a listing of all schedules.
* Schedule functionality: users of the system (admin/users) can create, edit and delete schedules.
* Schedule validation: each form input has validation to ensure correctness of data.
* Managing users: admins (not regular users) can create, edit and delete other users and admins.
* User validation: each form input has validation (such as password must be confirmed, username cannot be duplicated, etc)
* Tests: unit tests are used to ensure correctness of the validations for both schedules and users.
* About: a semi-static page which displays basic information about the Stargazer web application.
* Help: a semi-static page which displays online help and documentation for the user if problems occur.

Bugs:

* Errors from form do not display nicely. CSS needs to be fixed.