Sprint Report  
Sprint 5 Submission

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Team A

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# List of tasks for the previous week

|  |  |
| --- | --- |
| Task Name | Responsible Team Member |
| **Team Meeting for …**   * N/A – Exam week, no team meeting. | All Team Members |
| **Continue development on web site:**   * Login & create account functions/interface * User verification functionality | Taylor |
| * No work completed – Midterm Exam week. | Gregorson |
| * No work completed – Midterm Exam week. | Nick |

# List of tasks for the coming week

|  |  |
| --- | --- |
| Task Name | Responsible Team Member |
| **Team Meeting for:**   * Team updates & discussion on what needs to happen next | All Team Members |
| **Continue development on web site:**   * Complete login & user verification work (resolve bugs, etc) * Begin work on main page components | Taylor |
| **Continue development on web site:**   * Create and implement a universal CSS theme for the pages. * Update database to store property longitude & latitude information | Gregorson |
| **Continue development of the Application Server:**   * Calculate which properties are inside which new outages and add a PropertyOutage record to the DB * Retrieve user contact settings & property info from DB for updated/new outages so that informative messages can be created and sent to these users (add DB functionality to AppModelDB.py) | Nick |

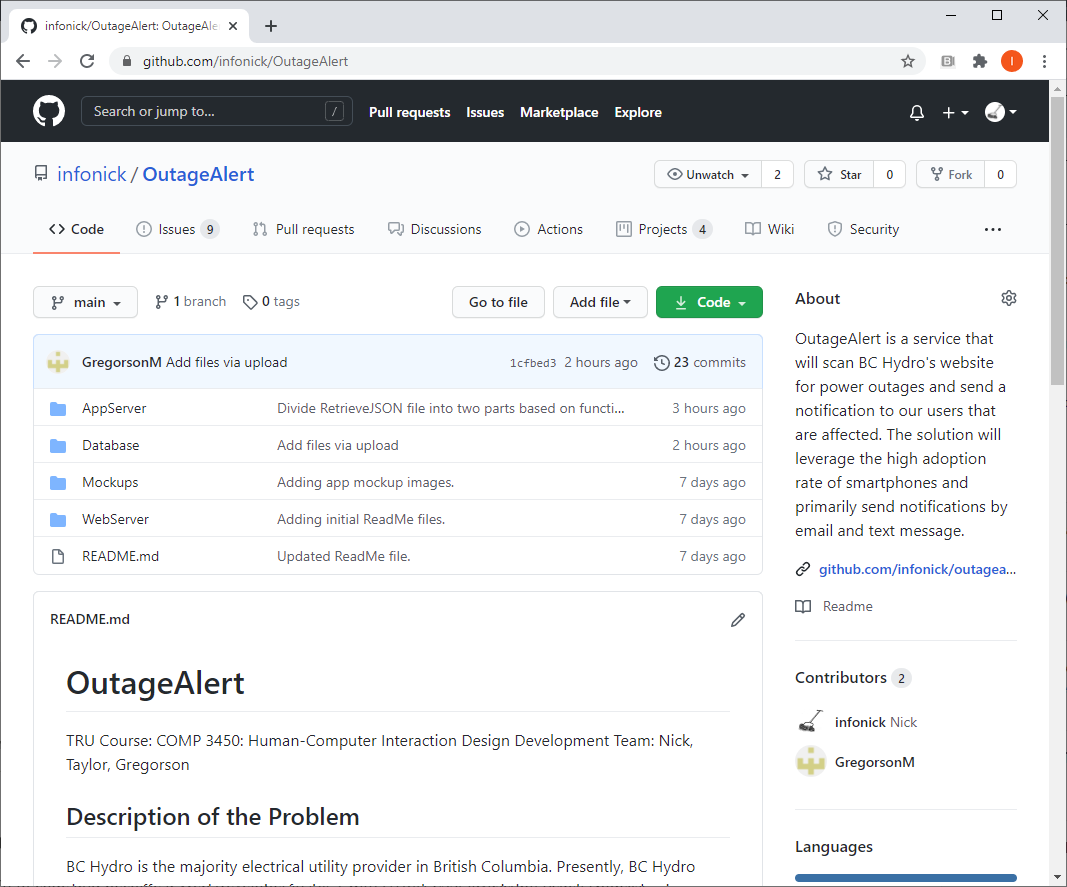
# Application Server Backlog:

1. Calculate which properties are inside which new outages and add a PropertyOutage record to the DB (use AppModelPolygonPointFunctions.py && use InsertPropertyOutages in AppModelDB.py) (***Assigned to Nick March 1st 2021***)
2. Deactivate PropertyOutage records in the DB where power has been restored to a property (use UpdatePropertyOutages in AppModelDB.py)
3. Reactivate a PropertyOutage in the DB where power has been lost again - if it was previously restored (use UpdatePropertyOutages in AppModelDB.py) (This is likely a low-priority
4. Retrieve user contact settings & property info from DB for updated/new outages so that informative messages can be created and sent to these users (add DB functionality to AppModelDB.py) (***Assigned to Nick March 8th 2021***)
5. Send outage messages in the list ‘*ListOfOutageMessages*’ to the users (use functions in AppModelSESMail.py to send emails) (*this task is dependent on code written for item #4 above*)
6. Rename AppModelRetrieveJSON.py to AppController.py and move non-controller functions (json functions, etc) to their own Model files. *This is a cleanup task with low priority.*

# Web Site Backlog:

* controller: cases for posted commands SignOut, NewProperty, EditProperty, NewRecipient, EditRecipient, Notifications (get updated information from database via model methods, build and return HTML or return as JSON where ideal i.e. tables). ***(Assigned to Gregorson March 8th 2021***)
* mainpage HTML and CSS (mostly will probably be handled by means of the controller a la the single page application method), JavaScript methods for parsing JSON.
* startpage: Get user existence validation working, and possibly in real-time.
* Create and implement a universal CSS theme for the pages. (***Assigned to Gregorson March 2nd 2021***)
* Functionality to enable users to create an account/sign in (methods in model.php to check if user’s information entered is valid, to add a new user, check if their account is locked). (***Assigned to Taylor March 2nd 2021***)
* Functionality to add and edit a property (methods to add a property into the database and update the database listing).
* Functionality to add and edit a recipient (methods to add a recipient to the database, update their information).
* Password reset functionality.
* Reconfigure UI of pages to improve UX (long term goal, somewhat dependent on what we learn in this course).

# Project Management Tool Screenshot



Interested readers may review the GitHub: <https://github.com/infonick/OutageAlert/>

# Updated Mock-ups or Other Relevant Documents

“You can include any other information such as screenshots of your app in progress or mock-ups showing what you plan to do in the coming week.”

N/A for this sprint