Sprint Report  
Sprint 4 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 server connectivity:**   * Obtain/distribute server passwords * Set up PHPMyAdmin, PuTTY and WinSCP access | All Team Members |
| **Continue development on web site:**   * Upload exiting preliminary web site files to GitHub * Create functionality to create/signin a user * Integrate create/siginin functionality with the view/controller   Server side user validation | Taylor |
| **Finish initial development of SQL Database:**   * Upload database schema to server * Resolve any bugs/failures in the database schema that arise   **Switch to development of web site:**   * Onboard to the web development by reviewing exiting web site files | Gregorson |
| **Complete the Server Setup:**   * Resolve any connectivity bugs that come up during the server connectivity meeting.   **Continue development of the Application Server:**   * Develop ability to send emails, * Implement functions that create user messages, * Connect the app server code to the newly created database. | Nick |

# List of tasks for the coming week

|  |  |
| --- | --- |
| Task Name | Responsible Team Member |
| **Team Meeting for …**   * N/A – Exam week, no team meeting. | All Team Members |
| **Continue development on web site:**   * Develop methods to add a user to the database (create an account) and to check a user’s information (sign in) and test these. * Configure server-side validation messages and test. | Taylor |
| **Continue development on web site:**   * Continue to review web site files * Begin working with Taylor to continue developing web interface components. | Gregorson |
| **Server Maintenance:**   * Resolve any server problems that require superuser intervention.   **Continue development of the Application Server:**   * Calculate which properties are inside which new outages and add a PropertyOutage record to the DB | Nick |

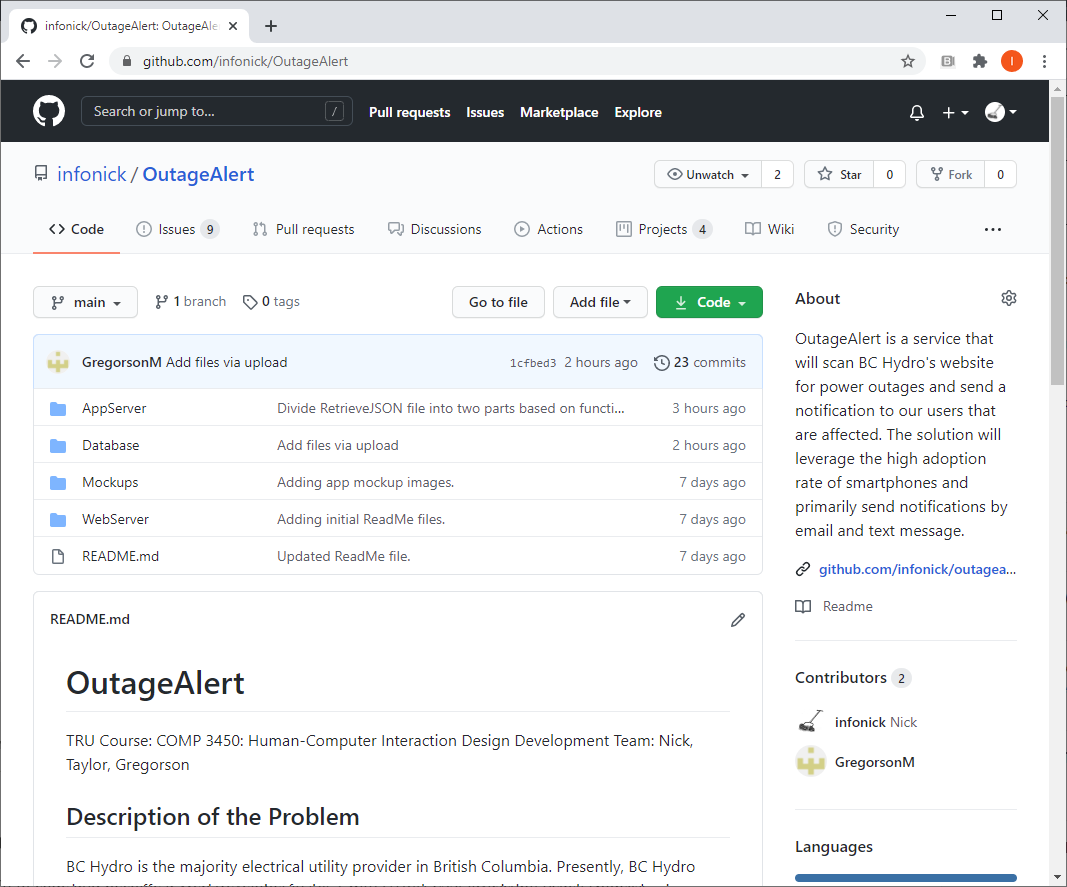
# Application Server Backlog:

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)
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).
* 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