**Daily Scrum Meeting Minutes:**

## August 28, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + This is the first meeting.
* What is planned to be done until the next scrum meeting?
  + Learned about project requirements and organization.
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + This is our first meeting. Reading about the project.
* What is planned to be done until the next scrum meeting?
  + Continue reading about the project and understand the workflow.
* What are the hurdles?
  + None.

## August 29, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:15PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Watched more videos of previous version of the project
  + Emailed professor for access to FIU virtual machine
* What is planned to be done until the next scrum meeting?
  + Continue learning more about the project and the technology stack
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Read project documentation from previous version.
* What is planned to be done until the next scrum meeting?
  + Research about new language: AngularJS
* What are the hurdles?
  + None

## August 30, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Read more project documentation
  + Reviewed HTML, CSS, and Javascript
* What was done since the last scrum meeting?
  + Continue learning about the technologies used in the project
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Learned about AngularJS
  + Studied the workflow and database handlers
* What is planned to be done until the next scrum meeting?
  + Keep learning about the new technologies used in the project.
* What are the hurdles?
  + Time constraint.

## August 31, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Learned more about PHP and Javascript fundamentals
* What is planned to be done until the next scrum meeting?
  + Continue learning PHP and Javascript
  + Setup working environment on virtual machine
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Watched the uploaded videos.
* What is planned to be done until the next scrum meeting?
  + Keep watching the projects uploaded videos
* What are the hurdles?
  + None.

## September 1, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Set up FIU virtual machine
  + Learned about PHP and mySQL
* What is planned to be done until the next scrum meeting?
  + Learn about Angular
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Installed the wampserver and install app.
* What is planned to be done until the next scrum meeting?
  + Learn how the website works
* What are the hurdles?
  + None.

## September 5, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Looked at Angular tutorials
  + Examined project code
* What is planned to be done until the next scrum meeting?
  + Continue learning about the LAMP stack and Angular
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Getting familiar with the website workflow
* What is planned to be done until the next scrum meeting?
  + Keep learning about AngularJS
* What are the hurdles?
  + None.

## September 6, 2017 (Sprint 1)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Looked at more project videos and documentation
  + Reviewed more Javascript and PHP
* What is planned to be done until the next scrum meeting?
  + Prepare work environment to beginning working on next sprint
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Learning about AngularJS
* What is planned to be done until the next scrum meeting?
  + Review on PHP tutorials
* What are the hurdles?
  + Natural disaster (hurricane, no power)

## September 18, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:10PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Continued learning PHP and Angular
  + Examined project code
* What is planned to be done until the next scrum meeting?
  + Setup database on local vm and FIU vm
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Review website code.
* What is planned to be done until the next scrum meeting?
  + Read more tutorials on PHP
* What are the hurdles?
  + None.

## September 19, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Examined user stories to determine how work should be split.
  + Investigated how to render PDFs in a modal view
* What is planned to be done until the next scrum meeting?
  + Begin working on user story 296
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Review user stories
  + Research how to render PDF document in HTML
* What is planned to be done until the next scrum meeting?
  + Write user story and Use Case diagram
* What are the hurdles?
  + None.

## September 20, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:30PM

End time: 10:30PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Worked on user story 296
  + Added user stories to Mingle
* What is planned to be done until the next scrum meeting?
  + Continue working on user story 296
  + Setup git branches
  + Setup database on local machine
* What are the hurdles?
  + Do not fully understand yet all the code in the project

Jean Faustin:

* What was done since the last scrum meeting?
  + Completed User Story
* What is planned to be done until the next scrum meeting?
  + Completing Use Case diagram
* What are the hurdles?
  + None.

## September 21, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:30PM

End time: 9:50PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Worked on user story 296
  + Now have project successfully running in local machine with correct database
  + Setup git branches
* What is planned to be done until the next scrum meeting?
  + Continue investigating ways of adding notification badge to document folders
* What are the hurdles?
  + Do not fully understand Angular code

Jean Faustin:

* What was done since the last scrum meeting?
  + Working on User Story 295
* What is planned to be done until the next scrum meeting?
  + Collecting / Researching on PDF Rendering plugins
* What are the hurdles?
  + Not all plugins are cross-browser compatible.

## September 22, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:30PM

End time: 9:50PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Worked on user story 296
  + Correct number of pending documents is now displayed for each category
* What is planned to be done until the next scrum meeting?
  + Need to display pending documents in a notification badge
* What are the hurdles?
  + Understanding all the code especially Angular continues to be a challenge

Jean Faustin:

* What was done since the last scrum meeting?
  + Reviewed PDF Rendering plugins
* What is planned to be done until the next scrum meeting?
  + Start implementing.
* What are the hurdles?
  + None

## September 25, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Finished user story 296
  + Began working on user story 242
* What is planned to be done until the next scrum meeting?
  + Continue working on user story 242
  + Finish feature documents
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Implementing User Story 295
  + Implementing plugin to read PDF documents
* What is planned to be done until the next scrum meeting?
  + Continue on implementing PDF rendered documents.
* What are the hurdles?
  + Not extended across browsers.

## September 26, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Implemented functionality to save persistent night-mode
* What is planned to be done until the next scrum meeting?
  + Continue adding night-mode to more views
* What are the hurdles?
  + It’s is difficult to change the color of certain UI elements

Jean Faustin:

* What was done since the last scrum meeting?
  + Worked on PDF documents
* What is planned to be done until the next scrum meeting?
  + Working on images
* What are the hurdles?
  + None

## September 27, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?\
  + Added night-mode to all officer views
* What is planned to be done until the next scrum meeting?
  + Continue adding night-mode to supervisor and admin views
* What are the hurdles?
  + Certain UI elements are updating correctly.

Jean Faustin:

* What was done since the last scrum meeting?
  + Finishing view image from modal popup
* What is planned to be done until the next scrum meeting?
  + View PDF in at least two different browsers (Firefox, Google Chrome)
* What are the hurdles?
  + The way the website is already set, hard to modify already installed plugin without affecting the whole project.

## September 28, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Added night-mode to all supervisor and admin views
* What is planned to be done until the next scrum meeting?
  + Add tests for notification badge and night-mode
  + Work on feature documents
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Upload documents in modal (popup) window.
* What is planned to be done until the next scrum meeting?
  + Testing modal across multiple browsers
* What are the hurdles?
  + Already installed plugins offset current PDF rendering plugin.

## September 29, 2017 (Sprint 2)

Attendees: Juan Lopez, Jean Faustin

Start time: 9:00PM

End time: 9:20PM

Juan Lopez:

* What was done since the last scrum meeting?
  + Finished all stories for sprint review
* What is planned to be done until the next scrum meeting?
  + Add unit tests for notification badge and night-mode
  + Finish feature documentation
* What are the hurdles?
  + None

Jean Faustin:

* What was done since the last scrum meeting?
  + Testing the cross browser
* What is planned to be done until the next scrum meeting?
  + Finish feature documentation
* What are the hurdles?
  + None

## October 2, 2017 | Sprint 3

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Examined requirements for story 241
  + Look at different libraries for parsing CSV files
* What is planned to be done until the next scrum meeting?
  + Continue working story 241
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Finishing the documentation for 295.
* What is planned to be done until the next scrum meeting?
  + Review the requirements for “feature 250”. The elicitation specifies that the passwords be encrypted for the system to increase security and protection.
* What are the hurdles?
  + None

## October 3, 2017 | Sprint 3

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Continued looking at the different CSV parsing libraries
  + Examined examples that use the PapaParse parsing library
* What is planned to be done until the next scrum meeting?
  + See how to integrate a CSV parsing library into the application
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Describe Feature 250 - Password Encryption and established the acceptance criteria.
* What is planned to be done until the next scrum meeting?
  + Create Use Case / User Story to encrypt passwords.
* What are the hurdles?
  + None.

## October 4, 2017 | Sprint 3

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Worked on writing use case and use case diagram for story 241
  + Look at more examples of how to use PapaParse to parse CSV files
* What is planned to be done until the next scrum meeting?
  + Continue working on story 241 documentation
  + Successfully integrate the PapaParse library into the application
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Create user Use Case and Sequence Diagrams that emphasizes on the necessary steps in encrypting password and provide additional resources on accessing and ‘hashing’ the whole database system.
* What is planned to be done until the next scrum meeting?
  + Researched PHP Password Encryption: password\_hash function to generate secure, one-way hashes along with a password\_verify function to match a hash with the given password.
* What are the hurdles?
  + None

**October 5, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Finished story 241 use case documentation
  + Integrated PapaParse into application
  + Modified application to successfully upload and parse a CSV file
* What is planned to be done until the next scrum meeting?
  + Finish story 241, displaying results in table and adding the parsed users to the database.
* What are the hurdles?
  + Entries from CSV file are not being displayed in table.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Identified that password encryption extended to: Passwords need to be encrypted at login, when supervisor adds a new  user, or passwords are changed for an officer.
  + Updated password encryption use case and diagram.
* What is planned to be done until the next scrum meeting?
  + Create Encryption Class for password encryption with basic functionalities to hash and verify a password.
* What are the hurdles?
  + None

**October 6, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Was able to display results from parsed data in an editable table
* What is planned to be done until the next scrum meeting?
  + Add users in parsed table to the database
  + Add unit and integration tests for story 241
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Setup Password Encryption Class, JCrypter with functionalities such as hash\_password(), verify() to verify the given password against the hashed password from the database, and rehash() for passwords that need to be rehashed as it was not generated with the current default algorithm.
  + Created ProviderEncryptor Class to encrypt all passwords in the database.
* What is planned to be done until the next scrum meeting?
  + Unit Testing for Password Encryption
  + Describe Feature 150 - Lock Account after Five Failed Attempts: Officer can attempt up to 5 times within an hour (60 minutes). If account is locked, an officer has the option to contact his/her Supervisor.
* What are the hurdles?
  + The already setup environment/project is more suitable for PHP encryption than AngularJS.

**October 9, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Completed all requirements for story 241
  + Finished all tests for story 241
* What is planned to be done until the next scrum meeting?
  + Finish all documentation for story 241
  + Examine requirements for story 300
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Use Case and Sequence Diagrams for Account Lockout: After five (5) consecutive failed login attempts within 60 minutes (1 hour-time), the officer account will be locked. If user has successfully logged before the maximum attempts, the counter is reset to zero (0).
* What is planned to be done until the next scrum meeting?
  + Create Database Table query to track login attempts: this table tracks the login attempt  count, and the lock status for each user.
* What are the hurdles?
  + None.

**October 10, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:20PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Finished documentation for story 241
  + Modified Officer CSS file and controller to change label colors
* What is planned to be done until the next scrum meeting?
  + Work on use case documentation for story 300
  + Work on ordering documents by status
* What are the hurdles?
  + None.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Implemented feature to validate username before authenticating.
  + Implemented feature to verify password when logging and registering an account.
* What is planned to be done until the next scrum meeting?
  + Unit Testing Locking Account after failed attempts.
* What are the hurdles?
  + None.

**October 11, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Modified officer controller to sort documents by status
  + Finished use case documentation
* What is planned to be done until the next scrum meeting?
  + Write unit and integration tests for story 300
  + Finish all documentation for story 300
  + Prepare for sprint review
* What are the hurdles?
  + None.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Fixed and enhanced resetPassword function: function was set to incorrect number of parameters and was updated to hash the given password.
  + Updated addUser supervisorCtrl function to insert encrypted password to the database by using the encryption PHP Class to hash the given/entered password.
* What is planned to be done until the next scrum meeting?
  + Unit Testing Locking Account after failed attempts.
* What are the hurdles?
  + None.

**October 12, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Finish all tests for story 241
  + Finished all documentation for stories 241 and 300
* What is planned to be done until the next scrum meeting?
  + Review user story documentation
  + Merge branches
* What are the hurdles?
  + None.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Updated officerCtrl controller to reflect hashing passwords.
  + Unit Testing Account Lockup.
  + Unit Testing Password Encryption.
* What is planned to be done until the next scrum meeting?
  + Documentation Review on sprints #147 Locking User Account and #250 Password Encryption
  + Setup Github branch for merging projects in the Dev. Environment to start merging progress on the project into one.
* What are the hurdles?
  + None.

**October 13, 2017 | Sprint 3**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Continue reviewing documentation for stories 241 and 300
  + Finished preparing for sprint review
  + Merged branches
* What is planned to be done until the next scrum meeting?
  + Prepare for sprint planning meeting
  + Finalize documentation for stories 241 and 300
* What are the hurdles?
  + None.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Test environment for sprint planning meeting. Bugs were identified where document categories are not showing after logging.
* What is planned to be done until the next scrum meeting?
  + Debug and fix documents category dashboard for user.
  + Extend test setup for password encryption.
  + Review and finalize sprint documentation for stories 147 and 250.
* What are the hurdles?
  + None.

**October 16, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Examined requirements for story 246
  + Investigated how to use the Google Maps API to display the watch orders
* What is planned to be done until the next scrum meeting?
  + Continue looking at the Google Map API
  + Investigate the Bing Maps API
  + At how to integrate either API into the application
* What are the hurdles?
  + Google Maps API usage may require a paid license.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Meeting with the product owner for a show and tell over sprint 3 stories. The application is able to lock a user after five failed attempts using an encrypted password for login. The application is also able to add batch users to save time for multiple tedious entries, and the documents are viewed based on order of views (reviewed, pending, done).
* What is planned to be done until the next scrum meeting?
  + Review the specification for Story 302: Change Navigation Bar Based on User Role which allows an administrator or supervisor to switch back and forth between roles for quick access and avoid pages from opening in new tab.
* What are the hurdles?
  + None.

**October 17, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Because of API usage limits, have decided to use Google Maps API instead of Bing Maps
  + Created database containing fields for watch orders
* What is planned to be done until the next scrum meeting?
  + Investigate how to use Google Maps API
  + Create new page to add watch orders
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Review the specification for user story 302.
  + Research PHP navigation tool and design.
* What is planned to be done until the next scrum meeting?
  + Create User Story and Use Case to navigate through roles.
  + Define the acceptable criteria for navigation.
* What are the hurdles?
  + None

**October 18, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Successfully integrated Google Maps API into application, displaying a map with markers
* What is planned to be done until the next scrum meeting?
  + Connect map interface to database
  + Create page to add new watch orders
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Use Case and User Story.
  + Defined the acceptable criteria for an Administrator Controller to get access to Supervisor and Officer controls; a Supervisor to switch to an Officer control, and to restrict  an Officer role from accessing an Administrator or Supervisor roles.
* What is planned to be done until the next scrum meeting?
  + Create use case and sequence diagrams.
* What are the hurdles?
  + None.

**October 19, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Connected map interface with sample data from database.
  + Created page to add new watch orders to database
* What is planned to be done until the next scrum meeting?
  + Add new interface to add watch orders with csv file
  + Create commands to insert and delete watch orders from database
* What are the hurdles?
  + Need to call a Google API to convert watch order addresses into geo coordinates.

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Created use case and sequence diagrams for navigating between roles.
  + Fixed bugs on AngularJS tab: Clicking on tab would open the link on a new (blank) page; modified the link to target the current page (tab).
* What is planned to be done until the next scrum meeting?
  + Research on PHP Tab examples and Navigation menu bars.
  + Implement the navigation bar based on role.
* What are the hurdles?
  + Very difficult with the given environment to transfer variable values from AngularJS to PHP. The content of the AngularJS is converted into literal texts in PHP, therefore operation of such variables is useless.

**October 20, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Connected database to add watch orders for supervisor
  + Created php file to add new watch orders
  + Created php file to remove all watch orders
* What is planned to be done until the next scrum meeting?
  + Connect database to officer controller
  + Create php file to get all watch orders from database
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Implemented the navigation bar: Officer Controller is always available; Added a Supervisor, the Supervisor tab to show; added an Administrator, the Administrator and Supervisor tabs to show.
  + Added a new navigation system to view documents and return to Document Categories in Officer mode: The system sets a link to document categories, displays the selected folder and the number of pending documents for review.
* What is planned to be done until the next scrum meeting?
  + Review and Documentation.
  + Testing tabs and views.
* What are the hurdles?
  + None.

**October 23, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Created php file to get watch orders from database
  + Added button in officer profile  to access watch order view
* What is planned to be done until the next scrum meeting?
  + Display watch orders in the map
  + Create unit tests for story 246
  + Finish documentation for story 246
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Tested VirtualRollCall navigation bar/tab.
  + Documented test units for each role (administrator, supervisor, officer).
* What is planned to be done until the next scrum meeting?
  + Review the specs for app distribution on linux environment.
* What are the hurdles?
  + Installation package to include database: Application accesses the database through basic  and given credentials.  Needs to figure if database is created with new username and password, how to update values in web application.

**October 24, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Created watch order map view
  + Created markers on map to display watch orders
  + Created unit tests for story 246
* What is planned to be done until the next scrum meeting?
  + Display info window for each marker with watch order data
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Build an .exe setup file
* What is planned to be done until the next scrum meeting?
  + Build a linux package for installation.
* What are the hurdles?
  + Installation may require advanced knowledge.

**October 25, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Fixed bug when loading map
  + Created info window for each watch order marker on map
  + Finished story 246 documentation
* What is planned to be done until the next scrum meeting?
  + Write unit tests for story 247
  + Display watch-orders after they are added with batch file.
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Creating file packages.
* What is planned to be done until the next scrum meeting?
  + Testing and documentation.
* What are the hurdles?
  + None.

**October 26, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Created unit tests for 247
  + Fixed bug when display watch-orders after adding new orders
  + Prepare for sprint review meeting
* What is planned to be done until the next scrum meeting?
  + Continue preparing for sprint review
  + Finish documentation for story 247
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Packaging (putting the web files into a zip file for transfer)
* What is planned to be done until the next scrum meeting?
  + Preparing for sprint review.
* What are the hurdles?
  + None.

**October 27, 2017 | Sprint 4**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Finished all documentation for current sprint
  + Added new stories to Mingle
* What is planned to be done until the next scrum meeting?
  + Review requirements for next sprint
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
* What is planned to be done until the next scrum meeting?
  + Review requirement for next sprint
* What are the hurdles?
  + None

**October 30, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Examined requirements for story 304
  + Implemented PHP function to add new watch order
  + Added database script to add a new watch order
* What is planned to be done until the next scrum meeting?
  + Create form to add a new watch order
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Reviewed requirements specification for Story #248 Add Text Information.  
    A Supervisor needs to add free-form text information that does not require a form, for quick and short message and updates.
* What is planned to be done until the next scrum meeting?
  + Define the Acceptance Criteria for User Story #248
  + Create User Case
* What are the hurdles?
  + None.

**October 31, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added form to add user
  + Create function in supervisor controller to add new watch order
  + Created unit tests for story 304
* What is planned to be done until the next scrum meeting?
  + Start working on story 306
  + Add function in supervisor controller to delete a watch order
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Reviewed the User Story #248 – Add Free Text specification and requirements (the acceptable criteria).
* What is planned to be done until the next scrum meeting?
  + Create Use Case and Sequence diagrams.
  + No Class Diagram needed for this story.
* What are the hurdles?
  + None.

**November 1, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Fixed bugs in app.js which was preventing data binding
  + Added alert after adding new watch order
* What is planned to be done until the next scrum meeting?
  + Implement modal view to edit watch order for story 307
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Use Case diagram
    - A Administrator extends A Supervisor to Add Free-Text message that includes a title, a description, and a brief message body.
  + Sequence diagram
    - Once a user clicks on the ‘Post Message’ button, the controller validates the requests and the DBHandler invokes the addMessage() to add the message to the database.
* What is planned to be done until the next scrum meeting?
  + Implement the Add Free-Text Message use case.
* What are the hurdles?
  + None.

**November 2, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Created modal view to edit each watch order
  + Added link to open modal view for each watch order
* What is planned to be done until the next scrum meeting?
  + Fill edit fields with values from selected watch order
  + Allow submit new values for watch order field
  + Create database command to edit an existing watch
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Design the Free-From Text with basic and required inputs such as a message title, description, a message body and pin checkbox to whether the message should be pinned for display and a Post Message button to invoke the addMessage() from the Supervisor controller.
  + Implemented the DBHandler to add message to the database.
* What is planned to be done until the next scrum meeting?
  + Create a table Messages to hold the messages input.
  + Implemented the process to edit Free-Text messages.
* What are the hurdles?
  + The free-form messages relation is different than the documents relation because messages do not have a document name, nor an upload name with a file extension. It because very difficult to avoid duplicating the process of adding documents, except that the information will be added to the Message table instead.

**November 3, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added modal view that when opened, includes the information for the selected watch order.
  + Created a form within modal view to submit new watch order values.
* What is planned to be done until the next scrum meeting?
  + Add function in supervisor controller to edit watch order
  + Add function in data service to edit watch order
  + Add function in database to edit watch orde
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Implemented the Add Free-Text Message functionality.
* What is planned to be done until the next scrum meeting?
  + Create test cases to test adding messages.
  + Verify that messages are added to the Free-Text category and pending status is updated.
  + Complete documentation for User Story #304.
* What are the hurdles?
  + The pending count status is updated using the documents. Need to extend query to count pending messages from the Messages table.

**November 6, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added function in supervisor controller to edit a watch order
  + Added function in data service to modify an existing watch order
  + Added SQL command in dbhandler to edit a watch order
* What is planned to be done until the next scrum meeting?
  + Add unit tests for story 307
  + Begin working on story 306, by adding delete button in watch order modal edit view
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Unit and System tested adding free-form text messages.
  + Update DBHandler getDocuments() query: Rather than making two separate calls to the database to get the document status id, the document status is added to the query using a ‘LEFT JOIN’ and a subquery return the max(statusid) from the user\_doc\_status table.
* What is planned to be done until the next scrum meeting?
  + Review specification and requirements for User Story #308 – Edit Free-Text Message.   
    A Supervisor should be able to edit a Free-Text message from the Edit Messages list or delete completely from the list.
* What are the hurdles?
  + None.

**November 7, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Fixed bug when geocoding addresses, which was not allowing batch geocoding
  + Added new function to geocode a single address instead of geocoding all watch order addresses
* What is planned to be done until the next scrum meeting?
  + Add unit tests for story 307
  + Begin working on story 306, by adding delete button in watch order modal edit view
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Defined the acceptable criteria and purpose of the user story: When updating a message, the title, description and message body are required for validation.
  + The user is presented with two options:
    - Update Message
    - Delete Message
* What is planned to be done until the next scrum meeting?
  + Create Use Case diagram: An Administrator to extend a Supervisor role to ‘Edit Free-Text Message’ use case with the updated title, description and message body.
  + Create Sequence Diagram  
    The Supervisor controller sends the editMessage() request to the DataService controller; The DataService controller sends an updateMessage() to DBHandler to update the message in database. The page should refresh to reflect the new changes.
* What are the hurdles?
  + None.

**November 8, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added delete button to edit modal view
  + Added function to supervisor controller to delete watch order
  + Added function in dataservice to delete a watch order
  + Added PHP script to delete a watch order
  + Added tests for story 306
* What is planned to be done until the next scrum meeting?
  + Meet with product owner to fix issues in their server
  + Prepare code for sprint review
  + Merge all code
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Designed use Case and Sequence diagrams.
* What is planned to be done until the next scrum meeting?
  + Implement the case for a Supervisor user to edit or delete free-form text messages:

A modal window to open with the message details (title, description, body) where the user can update.

* + Add updateMessage() to the DBHanlder to use an update query on the Messages table. The page should refresh to reflect the update.
  + Add a new CategoryId column to the user\_doc\_status table.
* What are the hurdles?
  + Because documents and messages are two different tables, the current state of the user\_doc\_status table only return documents statuses. To avoid tracking duplicates in the documentId, an extra column is needed. The user\_doc\_status will determine the status of document or message using composite keys (document id and category id).

**November 9, 2017 | Sprint 5**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Met with product owner to fix compatibility issues in their server
  + Changed dbhandler to work with the product owner’s system
  + Prepared for sprint review
* What is planned to be done until the next scrum meeting?
  + Finish all documentation for all stories
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Implemented modal dialog box to edit free-form text messages.
  + Altered the user\_doc\_status table to include the category ID.
* What is planned to be done until the next scrum meeting?
  + Create unit and system tests to edit messages
  + Create unit and system tests to delete messages.
  + Review documentation.
* What are the hurdles?
  + None

**November 13, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Reviewed requirements for story 309.
  + Finished documentation for previous sprint stories.
* What is planned to be done until the next scrum meeting?
  + Change getWatchOrders() in supervisor controller to include new expiration field.
  + Add expiration field to addWatchOrders() in supervisor controller
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Tested adding free-form messages.
  + Tested editing and removing free-form text messages.
  + Merged project stories  into one single project.
* What is planned to be done until the next scrum meeting?
  + Analyze and review specification for User Story #243 Add Document Quizz.
  + Define the acceptance criteria: no more than five question, answer are true/false or multiple choices, and a document status should be set to done whenever a test is taken for the particular document.
  + Create use case to add quiz to documents: an extension to adding documents, just as they can pin it, it should be an option to add a quiz to the respective document.
* What are the hurdles?
  + None

**November 14, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Changed getWatchOrders() in supervisor controller to include new expiration field.
  + Added expiration field to addWatchOrders() in supervisor controller
* What is planned to be done until the next scrum meeting?
  + Change addWatchOrders() in data service
  + Change add-watch-order php file to accommodate new expiration field
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Reviewed the specification and requirement analysis for User Story #243 to add quiz to a document.
  + Use Case and Scenario for adding documents.
* What is planned to be done until the next scrum meeting?
  + Create Use Case diagram.
  + Create Sequence diagram: A Supervisor checks to add quiz to document, generates the quiz and saves it to the database. If canceled, the process continues to saving the document to the database.
* What are the hurdles?
  + None

**November 15, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Change addWatchOrders() in data service
  + Change add-watch-order php file to accommodate new expiration field
* What is planned to be done until the next scrum meeting?
  + Add function in supervisor controller to check watch order expiration date
  + Add function in supervisor controller to remove invalid watch orders
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Use Case and Sequence diagrams: The Add Document use case extends the Add Quiz which includes Questions and Answers.
* What is planned to be done until the next scrum meeting?
  + Implementing the Add Quiz use case.
  + Extend the Manage Document page with an Open Quiz Maker checkbox that when checked, opens a modal window for the user enter sets of and up to five (5) questions and 2o answers.
* What are the hurdles?
  + None

**November 16, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added function in supervisor controller to check watch order expiration date
  + Added function in supervisor controller to remove invalid watch orders
* What is planned to be done until the next scrum meeting?
  + Add unit tests for story 309
  + Finish documentation for story 309
  + Review requirements for story 310
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Designed the Quiz Maker page with up to five questions and 2o answers text boxes, and the first box is to hold the current answers and the other 4, incorrect answers.
* What is planned to be done until the next scrum meeting?
  + Process Document Quiz Maker form: form to save user’s questions and answers but does not process, not until the user clicks  the ‘Upload’ button to add upload a document. This is a guard to avoid a quiz added to the database without a document for it.
  + Update Documents table to add one Has\_Quiz column with values (0 or 1) for whether a document has a quiz.
  + Add table Quizzes to the database to have the document name and the question sets.
* What are the hurdles?
  + None

**November 17, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added unit tests for story 309
  + Finished documentation for story 309
  + Add table in watch order view to display watch orders
* What is planned to be done until the next scrum meeting?
  + Populate watch order table with valid watch orders from database
  + Add search bar to watch order list table
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Updated the upload\_document.php addDocument() to pass a JSON string questionnaire (questions and answers created from the Quiz Maker).
  + If document has quiz, inserted a new row into the quizzes table.
* What is planned to be done until the next scrum meeting?
  + Create test cases for adding quiz to a document.
  + Sprint documentation for user story 243.
* What are the hurdles?
  + None

**November 20, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added function to populate watch order table with valid watch orders from database
  + Added search bar to watch order list table
* What is planned to be done until the next scrum meeting?
  + Add unit test for story 310
  + Work on documentation for story 310
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Tested adding quiz to a document.
* What is planned to be done until the next scrum meeting?
  + Review documentation for taking a quiz: an officer should be able to take the quiz in order to acknowledge reviewing the document.
  + Create use case for taking quiz.
  + Identify the acceptance criteria.
  + Create use case and sequence diagrams.
* What are the hurdles?
  + None

**November 21, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Added css file to fix styling issue with watch order table list
  + Added unit test for story 310
  + Worked on documentation for story 310
* What is planned to be done until the next scrum meeting?
  + Continue working on documentation for story 310
  + Merge all code from all branches
  + Prepare for sprint review
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Completed sequence diagram with two possible alternatives: (1) document is reviewed and the questions are listed or (2) document review is done and the correct answers are now displayed.
  + Completed use case scenario and diagram.
* What is planned to be done until the next scrum meeting?
  + Update the getActiveDocuments() to return the set of questions, answers, and user answers for each document that has a quiz.
  + Update DBHandler getMediaDocs() to  return documents with their respective quizzes, along with the user answers and their scores.
* What are the hurdles?
  + None

**November 22, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 7:00PM

End time: 7:25PM

**Juan Lopez:**

* What was done since the last scrum meeting?
  + Finished all documentation for story 310
  + Prepared for sprint review
  + Merged code from all branches
* What is planned to be done until the next scrum meeting?
  + Work on final project documentation
  + Work on final project slides
  + Work on poster
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Got documents and quizzes.
* What is planned to be done until the next scrum meeting?
  + Implement takeQuiz() from the Officer controller (OfficerCtrl) to get quiz questions and answer choices when the Quiz link is activated.
  + Implement DBHandler logQuiz to update document status of a document with quiz only after quiz has been submitted.
* What are the hurdles?
  + None

**November 24, 2017 | Sprint 6**

Attendees: Juan Lopez, Jean Faustin

Start time: 5:00PM

End time: 5:15PM

**Juan Lopez:**

* What was done since the last scrum meeting?
* What is planned to be done until the next scrum meeting?
* What are the hurdles?
  + None

**Jean Faustin:**

* What was done since the last scrum meeting?
  + Implemented takeQuiz and logQuiz to retrieve quizzes questions/answers and to log the user answers to the database.
* What is planned to be done until the next scrum meeting?
  + Update the quiz modal window to display choices when document status is pending; display correct answers when document status is reviewed or done.
  + Implement shuffle() method in the Officer controller to display the multiple choices randomly, every time the quiz modal window is loaded.
  + Disable the acknowledgement checkbox button for document with quiz and set to auto-check only after the quiz is submitted.
  + Unit testing and documentation.
* What are the hurdles?
  + None