Sprint #4 Tasks

User Story #3: As Jen Hensworth, a settlement worker working at iCare, I want to upload monthly cumulative data anonymously so protect the privacy and values of our clients.

Task 12 (SP: 5, D: None): Create a database if one is not already present, and connect the database should it be present. Research databases, sql, etc.

Task 13 (SP: 1, D: 12): Add and modify data inside the database such as creating instances and adding attributes.

Task 14 (SP: 1, D: 13): Deleting and removing data inside the database including the removal of attributes.

Task 15 (SP: 4, D: None): Create internal storage data structure

Task 16 (SP: 2, D:13): Create tables for user accounts and data

Task 17 (SP: 3, D: U1): Create methods for database integration. Login authentication and backend queries

Task 18 (SP: 2.5, D: 15): Code importing of data from .csv files

Task 19 (SP: 2.5, D: 15): Code exporting of data to .csv files

Task 20 (SP: 3, D: 12): Create functions to pull data from database and store in temporary format (table) for further manipulation

Task 21 (SP: 2, D: None): Create functions to manipulate temporary table of data to sort by x column

Task 22 (SP: 2, D: None): Create functions to manipulate temporary table of data to show x columns

Task 23 (SP: 2, D: None): Create functions to pull exclusive row(s) directly from database by key/attribute

Task 24 (SP: 4, D: None): Update importing methods to allow importing of data from Excel files.

Task 25 (SP: 4, D: None): Update exporting methods to allow importing of data to Excel files.

Task 26 (SP: 4, D: T24): Connect GUI to back-end, allowing uploading of templates/data.

Task 27 (SP: 4, D: Rest of US3): Release feature. Ensure integration with existing features.

User Story #4: As John Doe, a receptionist working at iCare, I want the software to check for obvious errors and warn me (likely prevent upload) if there is missing/invalid information so that bad information is never uploaded to the system.

Task 28 (SP: 4, D: None): Create method that checks file of given template has mandatory information properly filled

Task 29 (SP: 4, D: Rest of US4): Release feature. Ensure integration with existing features.

User Story #5: As Terry Sanders, working as a service provider of [Place Holder] organization, I want to be able to view the information relevant to our organization, so we may better prepare necessary provisions for clients at our facilities.

Task 30 (SP: 4, D: None): Connect GUI to back-end, allowing viewing of selected data.

Task 31 (SP: 4, D: Rest of US5): Release feature. Ensure integration with existing features.

User Story #6: As Terry Sanders, working as a service provider of [Place Holder] organization, I want to be able to filter the iCare templates for clients by attributes who are requesting for our services before possibly saving into a separate document, so we may easily view specialized information relevant to our organization's specific services.

Task 32 (SP: 4, D: None): Connect GUI to back-end, allowing filtering/sorting of viewed data.

Task 33 (SP: 4, D: None): Connect GUI to back-end, allowing downloading of selected data.

Task 34 (SP: 4, D: Rest of US6): Release feature. Ensure integration with existing features.