

CSCC01 Sprint Backlog #4

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Team Number: 11

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Tasks

U1:T1 - Create Database Structure: Given the main requirements of this new system, we need to store certain type of data besides the iCare templates. In this task, the main entities for user accounts and templates need to be created, as well as initializing the attributes for each.

U1:T2 - Create User Interface: Create the user interface for when a user needs to create a new entity/table for a template.

U1:T3 - Create Base classes: Create base classes for templates and users involved in adding templates. Implement interfaces for the MVP Pattern.

U1:T4 - Create API for Databases: Create API for the SQL Database.

U1:T5 - Integrating User Interface and Database API: Connect classes and functionalities from the User Interface to the API

U1:T6 - Create Database Templates: Implement "Client Profile" and "Needs Assessment and Referrals Service" templates in the Database.

U1:T7 - Create Database Templates: Implement "Community Connections" and "Language Training - Client Enrolment" templates in the Database.

U1:T8 - Create Database Templates: Implement "Employment Related Services" and "Information and Orientation" templates in the Database.

U1:T9 - Create Database Templates: Implement "Language Training - Course Setup" and "Language Training - Client Exit" templates in the Database.

U1:T10 - Database Integrations: Integration of T6 to T9 by merging the different database pieces into one.

U1:T11 - Parse Column names: Get raw values from an Excel file, return the name of the template and the column names.

U1:T12 - Refactor Database API: Redesign the database API and implement the changes in order to handle requirements properly.

U2:T1 - Update Database: Set up connection between our application and the database, to be able to store the data that has been inputted.

U2:T2 - Create User Interface: Create the user interface for agencies to select an excel file to upload to send data through our application.

U2:T3 - Update Database API: Set up connection between our application and the database, to be able to store the data that has been inputted.

U2:T4 - Integrate API UI: Integrating view and presenter for the system to verify if the file uploaded is valid or not. If it is, it will update the database, if not, it will send an error message to the user.

U2:T5 - Parse Column Types and Examples: When uploading a file to the system, the columns need to be parsed and matched to the database accordingly.

U2:T6 - Tracking ClientDataFormId for UploadTemplate: When uploading a file to the system, time of upload must be noted in the database for future reference. In addition, refactoring the design for usecases to reduce reasons of change.

U2:T7 - Acceptance Testing of U2: Perform testing to verify all functionalities that should be implemented based on the user story.

U3:T1 - Add API to Parse CSV: Set up compatibility when uploading CSV type file.

U3:T2 - Edit class to add CSV: Edit createUsingFile class, that was implemented on previous tasks, to add CSV.

U3:T3 - Acceptance Testing of U3: Perform testing to verify all functionalities that should be implemented based on the user story.

U4:T1 - Update Database: Update database with new user accounts and store its permissions.

U4:T2 - Create User Interface: Create the user interface for TEQ to create new user accounts and grant different types of permissions.

U4:T3 - Create Base Classes: Create base classes for different type of user accounts: Administrator, Agency and TEQ.

U4:T4 - Acceptance Testing of U4: Perform testing to verify all functionalities that should be implemented based on the user story.

U5:T1 - Create User Interface: Create the user interface for TEQ to have access to the agencies' data and check for errors.

U5:T2 - Retrieve Data from Database: Create Use Case in model and presenter to get data from database and return it to the presenter to communicate with view.

U5:T3 - Integrate User Interface and Data: Integration of User Interface to the correspondent functionalities.

U5:T4 - Acceptance Testing of U5: Perform testing to verify all functionalities that should be implemented based on the user story.

U6:T1 - Create User Interface: Create the user interface for TEQ to get reports.

U6:T2 - Fetch Attributes in database: Fetch all the attribute names for the all templates in the database. Used by view to display to user.

U6:T3 - Update the database structure: update the specific templates tables to have new column to save the clientDataFormId. update the VariableName table to have another column to save the templateName.

U6:T4 - Generate Reports: Create the GenerateReportUseCase to generate the custom report when client select the attribute and time range wanted. Getting the specific data from database and write to a csv file.

U6:T5 - Integrate back end and front end: Integration of User Interface to the correspondent functionalities.

U6:T6 - Acceptance Testing of U6: Perform testing to verify all functionalities that should be implemented based on the user story.

U7:T1 - Create User Interface: Create User Interface for TEQ to enter SQL select queries to generate reports.

U7:T2 - Implement Report: Implement functionalities in model and presenter in order to run the enter query, verify that is a correct query and return an output.

U7:T3 - Integrate User Interface and Report: Connect the model and presenter to the view methods to run the functionalities accordingly.

U7:T4 - Acceptance Testing of U7: Perform testing to verify all functionalities that should be implemented based on the user story.

Legend:

Bold - Completed tasks in this sprint.

Grey - Completed tasks on the previous sprints.

Italics - New tasks that were created during Scrum meetings.

Tasks Assignments (Execution)

Jun:

- U6:T1
- U6:T3
- U6:T4
- U6:T6

Vishwa:

- U2:T6
- U2:T7

Tayyab:

- U4:T4
- U6:T1
- U6:T5

Leo:

- U2:T5
- U5:T1
- U5:T2
- U5:T3
- U5:T4

Angela:

- U7:T1
- U7:T2
- U7:T3
- U7:T4

Sprint Plan

Tasks	Dependency	Story Points	1	2	3	4	5	6
U2:T5		3	L:1					
U2:T6		6		V:1	V:1	V:1	V:1	V:2
U2:T7		2	V:2					
U3:T3		1						
U4:T4		2	T:2					
U5:T1		1		L:1				
U5:T2		2			L:2			
U5:T3	U5:T1, U5:T2	3				L:1	L:2	
U5:T4		1						L:1
U6:T1		4		T:1	T:1	T:1	T:1	
U6:T2		2	J:1	J:1				
U6:T3		1			J:1			
U6:T4		4				J:2	J:2	
U6:T5	U6:T2, U6:T3, U6:T4	2						T:2
U6:T6		1						J:1
U7:T1		2	A:1	A:1				
U7:T2		3			A:1	A:2		
U7:T3	U7:T1, U7:T2	2					A:2	
U7:T4		1						A:1

Sprint Report

User Stories	Tasks	Dependency	Story Points	1	2	3	4	5	6
U2	U2:T5		3	L:1					
U2	U2:T6		6		V:1	V:1	V:1	V:1	V:2
U2	U2:T7		2	V:2					
U3	U3:T3		1						
U4	U4:T4		2	T:2					
U5	U5:T1		1		L:1				
U5	U5:T2		2			L:2			
U5	U5:T3	U5:T1, U5:T2	3				L:1	L:2	
U5	U5:T4		1						L:1
U6	U6:T1		4		T:1	T:1	T:2		
U6	U6:T2		2	J:1					
U6	U6:T3		2		J:1	J:1			
U6	U6:T4		4				J:2	J:2	
U6	U6:T5	U6:T2, U6:T3, U6:T4	2						T:2
U6	U6:T6		1						J:1
U7	U7:T1		2	A:1					
U7	U7:T2		3		A:2	A:2			
U7	U7:T3	U7:T1, U7:T2	2				A:1	A:1	
U7	U7:T4		1						A:1

Burndown chart

Days	0	1	2	3	4	5	6
Provisial (in story points)	40	33	28	25	22	10	-1
Actual (in story points)	40	29	28	21	17	8	-2

