

CSCI-455 Senior Project Weekly Progress Report

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Project title : Cookbook
Reporting period : 12/05/2022 - 12/11/2022

Current date : 12/12/2022

Task Description	Start Date	Target Date	%Complete	Task Status
Testing database connection	2022/12/5	2022/12/11	95%	Connection and testing through local instance has been made, class made in a way that switching to cloud is feasible
Testing test queries			95%	Putting dummy data in the database and accessing them through the driver program has been successful
Password hashing method and function			100%	Using SHA-256 to hash and encode the data was successful, result came out in 64 digit hexadecimal which was irreversible
Scraper testing			70%	Foundation has been laid, function for one has been done and implementation on the rest should come quickly
Revision on the plan moving forward			50%	In rush mode trying to solve the issues faced and make it in time for the deadline
Redo research on connection method			50%	Looking at GWT, implementation using HTML5 object, and HTML through JSwing
More pages has been made			80%	More revisions might be needed as connection is made and testing is done
Focus shifted to finishing database design			60%	Member is behind on finishing the designs
Revision on front end design, to simplify for time limit	2022/11/28	2022/12/4	50%	Revision has to be made to make sure it's doable within the remaining time
Start work on back end, need to revise for time			70%	A lot of the functionalities have been implemented foundationally, just need to be built up further and more testing

Catching up on previous research and design			50%	Catching up on past weeks
Prepare for midsemester progress report	2022/11/21	2022/11/27	100%	Presentation has been made, committed to repo, shared to members
Continue work on front end implementations			100%	Codebase for individual pages have been made in html and css
Catch up on previous research			80%	Starting to catch up on encryption research
Start work on scraper	2022/11/14	2022/11/20	70%	It is functional on one website, and a switcher + parser has been implemented, just need to repeat the process for more sites
Start work on user account control			50%	Current method of implementation may be limited user account control
Start general database design			50%	Basic design has been made, need to be validated and checked
Research input sanitation methods			50%	Basic research has been done
Research search engine & recommendation systems			50%	Basic research has been done
Start implementing front end solutions			70%	Pages have been made, connection still a big missing part
Start work on landing and home page			50%	Page designs have been made, html/css page have been done, need to implement functionality
Setup version control solutions	2022/11/07	2022/11/13	95%	Online repository has been setup, need to socialize to members
Setup online database hosting			80%	Database hosting is currently local to avoid overage, research has been done

Start user database design			70%	
Research encryption methods			100%	In the end, SHA-256 was chosen as the hashing method due to its irreversability
Start making general design language			100%	Design language document has been made, with general color palette and layouts
Research front end solutions			100%	Languages has been chosen
Start sign in and sign up pages			90%	Page designs have been made, html/css page have been done, need to implement functionality