Project Charter of Modesty Web App

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Problem Statement

We are living in a time of information overload. Clickbait media and social media has shortens our attention span, encouraging addictive behavior, inflicting numerous unpredictable side effects on us. I want to build a customizable media filter in which only information coming from user's trustworthy source is presented. User can set their own time limit of screen time and design their own filter. For example, If a user believes terrorism report is given exaggerated amount of news coverage and has become advertisement for the terrorism, he or she can choose to filter out terrorism related news that is longer than 1 minutes' read. I believes media content should be curated and media consumption should be moderate.

Project Objectives

1. Create a web server that hosts basic CRUD design pattern and web crawlers
2. Create a front end website that allows user to customize their media feed
   a. Users can input their trustworthy news source
   b. User can set limits of their screen time
3. Create a database that stores user's customized filters and crawler scripts

Stakeholders

Scrum Master: Anqi Yu
  Development Managers: Project coordinator
  Project Owners: Anqi Yu
  Users/Customers: people who want to limit their media consumption

Deliverables

- A website that allows user to login,
- A website that allows user to design filters and trustworthy media source
- A website that allows user to link their social media
- A website that limit user's screen time

Platform and framework

Frontend: Angular, angular material package
Web Crawler: Python (AWS lambda if needed)
Middleware: Express
Backend: SQL, mongoDB, python, NodeJS

Notes on the Dev Process:

Since I'm the only one working on this project, the backend and middleware framework may subject to change if better solution prompted. The development process will start with frontend user interface, along with CRUD functionality of a simple server and a web crawler. Advanced functionalities will build on top of that and most likely start at Sprint 2. Making a smart filter may incorporate neural network and other technologies that I haven't learnt yet. There for I hoped that the platform and framework listed above will not limit this project's further development.

CS30700 Project

https://github.com/richardjung64/CS-307-Team-25: A serverless instagram like Android mobile app powered by AWS mobile Hub and dynamoDB API. This app let users post their clothes in their clothes and like/dislike others posted clothes.