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Abstract

The purpose of this proposal is to outline my term project for CS602 Server Side Web Development. This document will cover the purpose of the program, the technology that is going to be used, the milestones and the deliverables.

TASK TRACKER PROGRAM proposal

A CS602 Term Project

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# Purpose

The purpose of this project is to create a functional web application using the skills and techniques we’ve been taught in CS602 Server Side Web Development. In this regard I’ve decided to build an application that will track tasks or goals towards completion.

## Description:

* The task tracker is intended to allow users to create and subdivide goals or tasks into more manageable parts.
* The tracker will have native timeframes for the tasks from daily to yearly with the ability to customize the timeframe for each task.
* The progress for the task is linked into the user defined milestones for each task entered. As each milestone is met the task progress is adjusted accordingly to match.
* Data should be persistent though the use of a database
* The task tracker should be able to handle multiple tasks per user and should be robust enough to accommodate multiple users.

# Technology

The technologies for task tracker program are as follows:

* NodeJS
  + Express
  + Handlebars
* MongoDB
  + Mongoose
* REST API

# Milestones

Feb 21st

* File structure outlined
* Preliminary module requirements documented
* Visual Assets and images acquired or created

February 28th 2019

* Custom JavaScript is working.
* Rest API created
* CSS written and in place

March 3rd 2019

* Testing overall functionality
* Documentation and use instructions

March 7th 2019 – final submission

# Deliverables

Due March 7th 2019

Deliverables must include:

* all visual aspects
* all js code modules
* package.json files for npm module install
* proper documentation and notes
* REST API

deliverables must be submitted in a .ZIP file