

Project

Class Project Overview

Your class project will consist of the design, development, testing and debugging of a Rails web application of your choice. Here you get to solve a problem of interest to you and you get to be creative. The project does not have to be anything fancy, but I do want it to involve some kind of database table. It can be most anything that includes Ruby and Rails. I hope you'll pick something that will be fun. There will be multiple assignments that deal with your class project as the semester progresses.

Project Definition

At this time, I would like you to give your project a name and provide to me a brief two or three sentence description of what you are planning to build. The page here will give you the ability to enter this information right onto this assignment page below.

For this project I would like to create some kind of financial application. Basically, a web-based tool with which the user would be able to manage portfolios of stocks. This App will store information about users and their portfolios in the database. With this tool user will be able check real stocks' actual prices and portfolios' values (Yahoo! Finance at <http://finance.yahoo.com/>). In addition, after registration, each user will have some "money" that let to "buy" and "sell" stocks.

The project seems a little bit big for myself so I am planning to do as much as I can. The first task that I am going to solve is to be able register users and create their portfolios. Then, I will need to figure out how to extract information regarding stock's prices from (Yahoo! Finance at <http://finance.yahoo.com/>). Next, how to buy and sell stocks and update database after each transaction. Finally, make another table which records the history of transactions for each user individually.