

Team of no more than three (3) people (No Exception)

Financial application with friendly user interface

In this project, you will propose to create a finance application system with a friendly user interface on which the user can interact with this system.

Requirements:

Form a team

Choose a financial application

Use of Python programming language to develop this system

You may choose your framework for UI (user interface). For example, use Python tkinter, Python Flask, Python CGI or Django. Or others such as NodeJS which is JavaScript based and is popular now in industry. You can even use interactive text based interface although it is not recommended. Because graphic user interface is more friendly to user.

Submission:

Final report: Due 5/8/2020 before the midnight

- (1) A **written final report** which may include some of the check point items and the following:
 - (2) A title page with project title and all your team members names and Rutgers IDs
 - (3) Table of content
 - (4) Description of your applications
 - Why you choose this application?
 - (5) Potential users, the impact of your system to financial industry
 - How will the system impact the user?
 - What is the merits of this system?
 - Who will be benefited?
 - (6) Design of proposed system
 - Identify the key components of your system by modularization
 - Modules used, data structures, and algorithms used if there are any
 - How these components interact with one another?
 - Verify the design is good and valid
 - Implementation plan
 - Set timelines and assign duty to team members
 - (7) Performance analysis of your system like accuracy, running time, or time and space complexities
 - (8) Conclusions and remarks (indicate what can be done to improve your systems or enhance your systems)
 - (9) Output screen shots of your test system runs
 - How friendly is your user interface?
 - List the features of your system
 - (10) Appendix of source codes and/or modules used
 - (11) References links and citations
- (2) A **source code folder** which contains all your source code.

Zip (1) and (2) into a folder and submit to Blackboard before the due date. One group one report. Make sure all members' names are on the report.