

Seventh report of Open Banking Data Analysis project

Team 45 25/3/2020

Progress:

- Our web app has been finalised and it has all these features:

ID	Features	Contributor
1	Data Visualisation	Lib Kai
2	Framework for interaction between database and front-end	Raghib
3	Budgeting Function (Setting Caps)	Raghib, Lib Kai
4	Financial Overview display	Raghib, Yuheng
5	Connect and Select Multiple Bank Accounts	Raghib, Yuheng
6	Read data from MarkLogic	Yuheng
7	Readable number formatting for tables and graphs	Lib Kai
8	Readable date formatting for graphs	Lib Kai
9	Data processing for individual user and re-upload to NoSQL database	Yuheng

10	Create login, register and forgot password functionality <ul style="list-style-type: none"> - Rudimentary login system not for security but to show off ability for different users to connect their own bank accountIDs 	Raghib
11	“Help” feature on the web app to help with user queries- implemented a form which sends an email.	Raghib
12	Add “Profile” for users so they can store their email, upload an image etc.	Raghib
13	Categorical Spending	Raghib
14	Date ranges for data	Raghib
15	Bill reminders	Yuheng, Lib Kai
16	Ability to predict user going into overdraft	Yuheng
17	Add credit card info and calculate the amount a user should pay for each card	Yuheng
18	Functionality to allow user to view transactions between certain date ranges	Raghib
19	Pagination and search function for tables	Raghib, Lib Kai
20	Algorithm to analyse of spending patterns and/or fraudulent payment	Raghib, Yuheng

21	Sophisticated Natural Language Processing which looks at more than keywords and categorises data more deeply	Raghib
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- The web app has been deployed and it is now available at <https://www.uclproject.co.uk/>
- We have conducted system testing and performance testing on the web app

Plan:

- We will work on the deliverables to showcase our project
- Raghib will record the live demo video
- Yuheng will record the client video and work on report website
- Lib Kai will work on the poster and report website