



Smart Banking Assistant

Prepared for: Planning purposes

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31 March 2018

Proposal number: n/a

EXECUTIVE SUMMARY

Objective

This project is to showcase the potential of an intelligent dynamic banking assistant, via the use of a mockup interface to a dummy set of bank accounts.

Goals

The goals are to show the potential of the product in predictive banking and frictionless customer journey.

Solution

The solution involves building a suite of DBA services for the customer, Apps, Social Media plugins and Chatbots all with a consistent functionality.

Project Outline

This project is going to cover multiple technical deliveries, the general high level objectives include and are not limited to the following

- Creation of dummy bank accounts and transactions
- Wireframe banking interface to the accounts
 - Personalisation design for users
 - Log in features
- Compatibility with Social media
- App creation both for mobile and desktop
- Traditional analytical solutions for transaction data
 - i.e. Display all transactions above > 500 in given time frame
 - Find any duplicate payments from the past x weeks
 - etc
- Machine Learning/Deep Learning A.I solution
 - Budget management advice
 - Predictive budgeting
 - Spotting re-occurring payments
 - Fraud/unwanted debit detection
 - etc

REQUIREMENTS AND TIMELINE

Considerations

Transaction data should include at least four fields, name, type, date and amount.

Holding Transaction data reporting can be done initially in a JSON file, but will need to be migrated to database later on.

Description	Duration	Start Date	Progress	Notes
Ideation	1 week	31 Mar 2018	Green	In progress
Creation of Dummy Transactions and Accounts	1 Week	April 01 2018	Not Started	
Basic Data Return Functions	2/3 weeks	TBA	Not Started	
Initial Basic Chatbot Functionality	3 weeks	TBA	Not Started	
Initial High Level Wireframe Interface Design	3 weeks	TBA	Not Started	
Web Wire design	2 weeks	TBA	Not Started	
Mobile App wire Design	2 weeks	TBA	Not Started	
Social Media Interface/Design	2 weeks	TBA	Not Started	
