
Microsoft Student Accelerator Australia 2020

Web App & APIs - Non-Technical Stream

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Introduction

- This file is the required README file.
- This file contains the required content, which are:
 - ❖ Description of the target persona, and
 - ❖ Possible extension for future development

Persona

Description - Meet Miranda

Miranda is an 18 years old Chinese girl, and currently pursues her bachelor degree in Melbourne Australia, as an international student.

Miranda's Current Situation / Problem

Miranda's daily expense ———> Australia Dollar

Miranda parents' salary settlement method ———> RMB (Chinese Yuan)

- When Miranda/her parents want(s) to know her expense, Miranda has to: open tally app -> write down the expense (in AUD) -> search currency exchange rate online -> manually calculate the amount of RMB (4 steps)
- This is very inconvenient and inefficient
- It becomes harder for Miranda and her parents to plan their family financial affairs

Current Solution for Miranda — TallyLife App

In order to help Miranda with her expense bookkeeping, TallyLife will not only satisfy general expense records, but also automatically covert AUD to RMB.

- After login, Miranda can easily view record. She can choose year and/or month, so that only her interested data will be shown.
- Please note that expense shown at the bottom is in AUD and RMB currency, and it will be changed automatically, when year/month selections have been changed.
- Miranda can also click "delete" button to delete a record.
- The "add" button allows Miranda to add a new record.

By adding these functions, Miranda and her family can easily view her expense in AUD and RMB anytime, and no need to manually calculate anymore so that they can manage family financial plan much more efficiently and accurately.

Main Page

Functions include View, Add, Delete etc

Adding Page

A new record will be added after click top right click button

Extension

- Current TallyLife only support AUD->RMB exchange, however, more currency exchange can be achieved, to expand market.
- Currency exchange rate in TallyLife is fixed, however using exchange rate API could be more helpful.
- Some financial plan recommendation could be added into TallyLife, so it becomes not just Expense Recording app, but Personal Finance Planning app.
- Family functions can be developed, so that for international students, their parents would manage their currency exchange time & expense much easier.
- For expense record, Microsoft Image Cognitive Service can be added on, so that users can simply upload their receipts, and no need to type in any text, to record an expense.
- Since this is a financial related app, security issues are also needed to improve, in order to expand market and gain customers' trust.