

THE TERMINAL APP ASSESSMENT (A1-1) (LEDGER APP)

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REASON WHY WE DEVELOPED OUR APP.

- In today's world of pay passes and cashless transactions, it can be hard to keep track of our expenditure
- The Ledger App allows a user to (very) simply track expenses for different accounts (Rent, Groceries, Fuel etc...), and provide helpful information about spending habits

DEMONSTRATING OUR
APP TO THE PEOPLE.

```
exit'
menu_choice = @interface.menu( ['What would you like to do today?', 'Enter "1" to enter a new transaction', 'Enter "2" to view
case menu_choice
  when '1'
    transaction_data_input

  when '2'
    account = @interface.prompt('Which account would you like to view history for?')
    @interface.table( account_history( account, @user_data), [ 'Date of Transaction', 'Amount' ] )

  when '3'
    @interface.table( balance_sheet(@user_data) )

  when 'exit'
    return

  else
    @interface.message( "Sorry, your selection was invalid" )
```

FUTURE EXTENSIONS OF THE APP

- Extension with API - Allowing for the recording of live data when you make contactless payments with your smartphone (GPay, Apple Pay) Only real G's use GPay
- Having multiple users or user accounts
- Full CRUD functionality
- Accessibility features
- Case/numeric/spelling detection
- Dual entry accounting (in/out)
- Comparison of expenditure to a provided budget



DIFFICULTIES

- TIME!!
- Learning lots of new things
- Some gems (terminal-table) do not always work the way we want
- Lack of sleep!!

THRILLS!!

- TDD makes the coding process (surprisingly) easier
- Learning on how to build a functioning app.

QUESTIONS?

THANK YOU