T1A3 - Terminal App

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RaceLabs
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Warnings

Although the app is made up up and make believe. I will give a warning out to everyone and tell them that programme is a horse betting apparatus and therefore a form of gambing. It has been approved by the Coder Academy board and has followed all State and Federal regulations.

If anyone is sensitive to gambling content. Might be wise to unplug and come back in 5 minutes.

Thankyou

Contents

RaceLabs

Racelabs

- What is it? Basically a programme where you can place a bet on a horse race

- Why? I have done a few shifts down at Randwick racecourse with the bookmakers. There is a an opportunity oncourse to put their business onto the smart phone. This streamlines transactions

- How you can use it? For the purpose of this term it will be made for terminal use. Good opportunity to see where the bugs/problems are. For its final use I would like to put it on a smart phone.

- Who can use it? Anyone over the age of 18. The target market will be 18-70 year old men. But there is a huge opportunity for women to be involved. Many women come to the races with no experience. A betting app like this would enhance their day experience

Features

- Main Page

- Form Section

- Betslip

- Different bet types (if time)

Features of the App 1

Main page/Home page

- User Interaction with the app (name, DOB)
- User Interaction with the race card

Features of the App 2

Form guide

- Simple form (Simple stats. Age, trainer)
- Advanced form (Advanced stats. Where its raced last, distance it won or lost by)
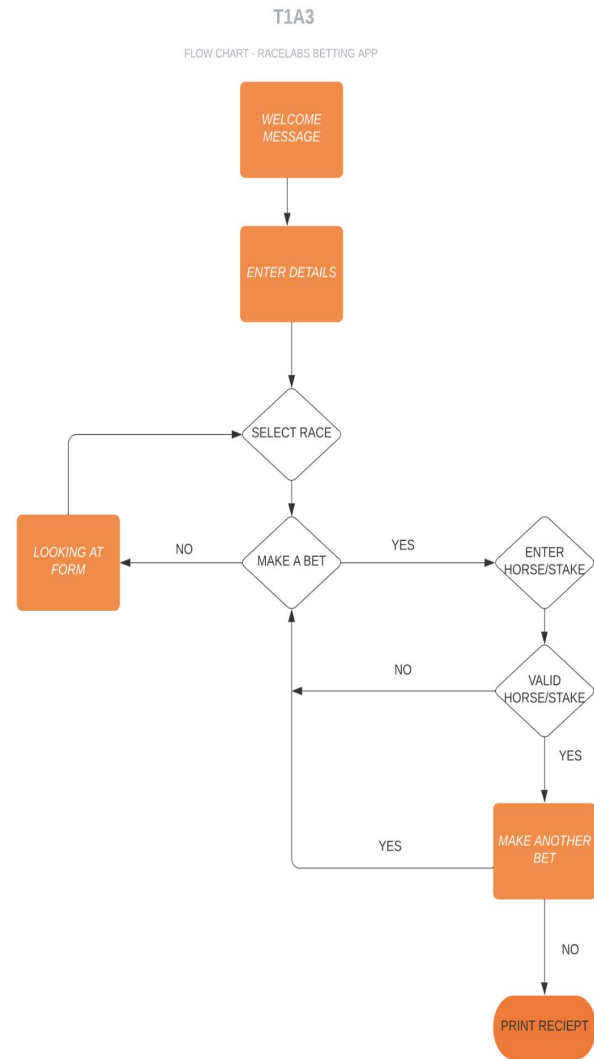
Features of the App 3

Betslip

- Selecting horse
- Option of betting again
- Staking feature
- Receipt given

Features of the App 4

Bet types (if time permits)

- Exotic bets (exactas/quinnals/trifectas)
- Multiple race bets

Flow Chart

T1A3

FLOW CHART - RACELABS BETTING APP

WELCOME MESSAGE

ENTER DETAILS

SELECT RACE

LOOKING AT FORM — NO — MAKE A BET — YES — ENTER HORSE/STAKE

VALID HORSE/STAKE — NO

YES

MAKE ANOTHER BET — YES

NO

PRINT RECIEPT

Code Features

- Main page
- Form Guide
- Betslip
- Receipt

Code Features of the Main Page

1. Pretty simply code through methods

2. Will read in txt data from outside the programme, to give the feel you are downloading information

3. Since I won't be doing much loop control. I decided to put a timed loop in the intro. This gives the user the feeling of interacting with an app live

Code Features of the Form Guide

1. The main features of the form guide
    are the simple form and extended form

2. Simple form will be data thats in the
    form of an array. It will interact with
    the user through loops

3. The extended form will be a txt file
    read from outside the programme.

4. User will interact with the programme
    through if/when statements

Features of the Betslip

1. The more advanced section of the code

2. All data in form of classes

3. All code/classes will interact through if/when statements

4. Will be some code implemented through methods

Features of the Bet reciepts

1. This feature will display all information of the bet. It will then print out a receipt in the form of a txt file.

Conclusion

- Google is a great source of knowledge

- Youtube is a great source of knowledge

- I enjoyed this project more than the website

- Maybe backend works is more up my alley?

- I didn't find too many ethical challenges in this one compared to the website. There were many times I needed help with code. I got that through the internet. I didn't find this plagiarism. It counted to less than 1% of my code and think by sharing our knowledge on coding, will all help each other and build on each other to make a bigger and better world