Vocational Interest Evaluator

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Introduction

- Previous MSc project
- Vocation – jobs
- 18- 25 NEETs – Not in Education, Employment or Training
- 35 Questions
- Results in a graphical format
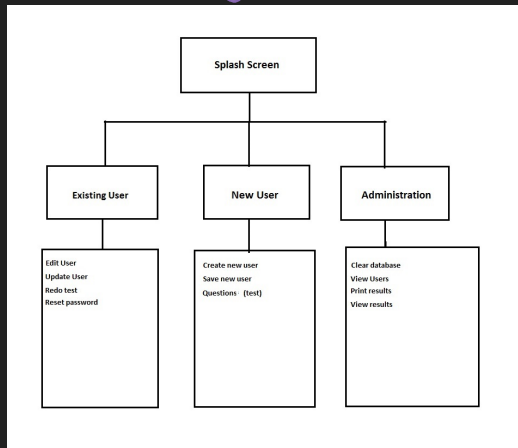
Technologies

- Java – Object oriented language
- Javafx – a library especially for graphics
- Scene builder
- Derby (DB-MS) with SQL
- IDE - Eclipse

Main Splash Screen

- **Three main buttons**
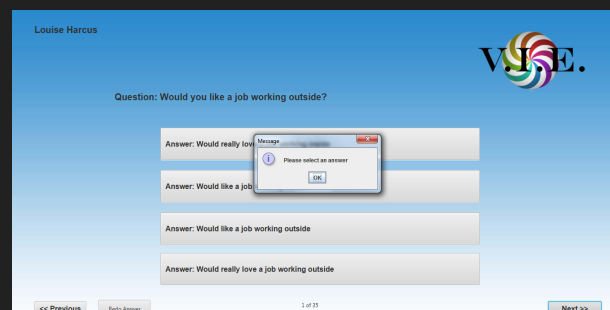- Existing user
- New User
- Admin

Program Structure

```
                Splash Screen


   Existing User      New User      Administration


  Edit User        Create new user   Clear database
  Update User      Save new user     View Users
  Redo test        Questions  (test) Print results
  Reset password                     View results
```
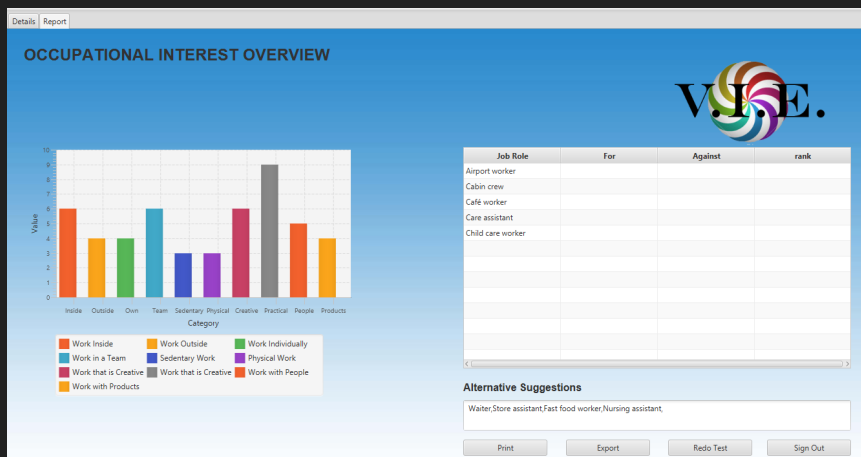
- Existing User and Administration will have passwords.

- Most of the functions are one button click away.

- Hierarchical Structure for ease of use.

What has been done so far!

○ **Original program was not functional**

○ **Basic tasks first e.g. switching login fields**

○ **Clearing the database**

○ **Checking entry fields to ensure user has to enter text in all fields.**

○ **Question answers tally correctly**

○ **User can redo their answer**

○ **Feedback message boxes for the user.**

○ **Question needs to be answered before going to the next question.**

Louise Harcus

VISE.

Question: Would you like a job working outside?

Answer: Would really lov...

Message

Please select an answer

OK

Answer: Would like a job...

Answer: Would like a job working outside

Answer: Would really love a job working outside

<< Previous   Redo Answer   1 of 25   Next >>

Results page

Details | Report

OCCUPATIONAL INTEREST OVERVIEW

V.I.E.

Job Role	For	Against	rank
Airport worker			
Cabin crew			
Café worker			
Care assistant			
Child care worker			

Work Inside / Work Outside / Work Individually
Work in a Team / Sedentary Work / Physical Work
Work that is Creative / Work that is Creative / Work with People
Work with Products

Alternative Suggestions

Waiter,Store assistant,Fast food worker,Nursing assistant,

Print | Export | Redo Test | Sign Out

- Did not display anything originally.

- Answer data now populates the bar chart.

- Each category is represented by a different colour.

- Suggests jobs to the user.

What I have learned

○ Commenting in code is extremely important.

○ The time required to do a task is not always as expected

○ Interpreting someone else's code is difficult!

○ Problems arise from original implementation.

Future Tasks

- Fix the table in the results section.
- Finish the administration section.
- Any additional changes or requirements by the client.

- If time allows:
- Investigate decentralising the database.
- Investigate connecting the results to an API of a job search website.

Any Questions?

- Thanks for listening!