

## FACULTY OF ENGINEERING

# **REI 414 Practical: E-Learning Platform**

by:  
**Jacques Beukes    26028107**  
**Dewald Krynauw    \*\*\*\*\***

Submitted in pursuit of the degree

**BACHELOR OF ENGINEERING**

**In**

**COMPUTER AND ELECTRONIC ENGINEERING**

**North-West-University Potchefstroom Campus**

Supervisor: Mr. A. Alberts  
Potchefstroom  
2018

# Contents

|          |                                        |          |
|----------|----------------------------------------|----------|
| <b>1</b> | <b>Introduction</b>                    | <b>1</b> |
| <b>2</b> | <b>Background</b>                      | <b>1</b> |
| <b>3</b> | <b>Front-end</b>                       | <b>1</b> |
| 3.1      | Login and Register Interface . . . . . | 1        |
| 3.2      | Student Interface . . . . .            | 3        |
| 3.3      | Lecturer Interface . . . . .           | 3        |
| <b>4</b> | <b>Back-end</b>                        | <b>3</b> |
| <b>5</b> | <b>Database</b>                        | <b>3</b> |
| <b>6</b> | <b>Conclusion</b>                      | <b>3</b> |
| 6.1      | Strenghts . . . . .                    | 3        |
| 6.2      | Flaws . . . . .                        | 3        |
| 6.3      | Improvements . . . . .                 | 3        |
| 6.4      | Techniques Learned . . . . .           | 3        |
|          | <b>References</b>                      | <b>3</b> |

## Abbreviations

## List of Figures

|     |                                 |   |
|-----|---------------------------------|---|
| 3.1 | Login Page . . . . .            | 1 |
| 3.2 | Register Page . . . . .         | 2 |
| 3.3 | Lecturer Profile Page . . . . . | 3 |

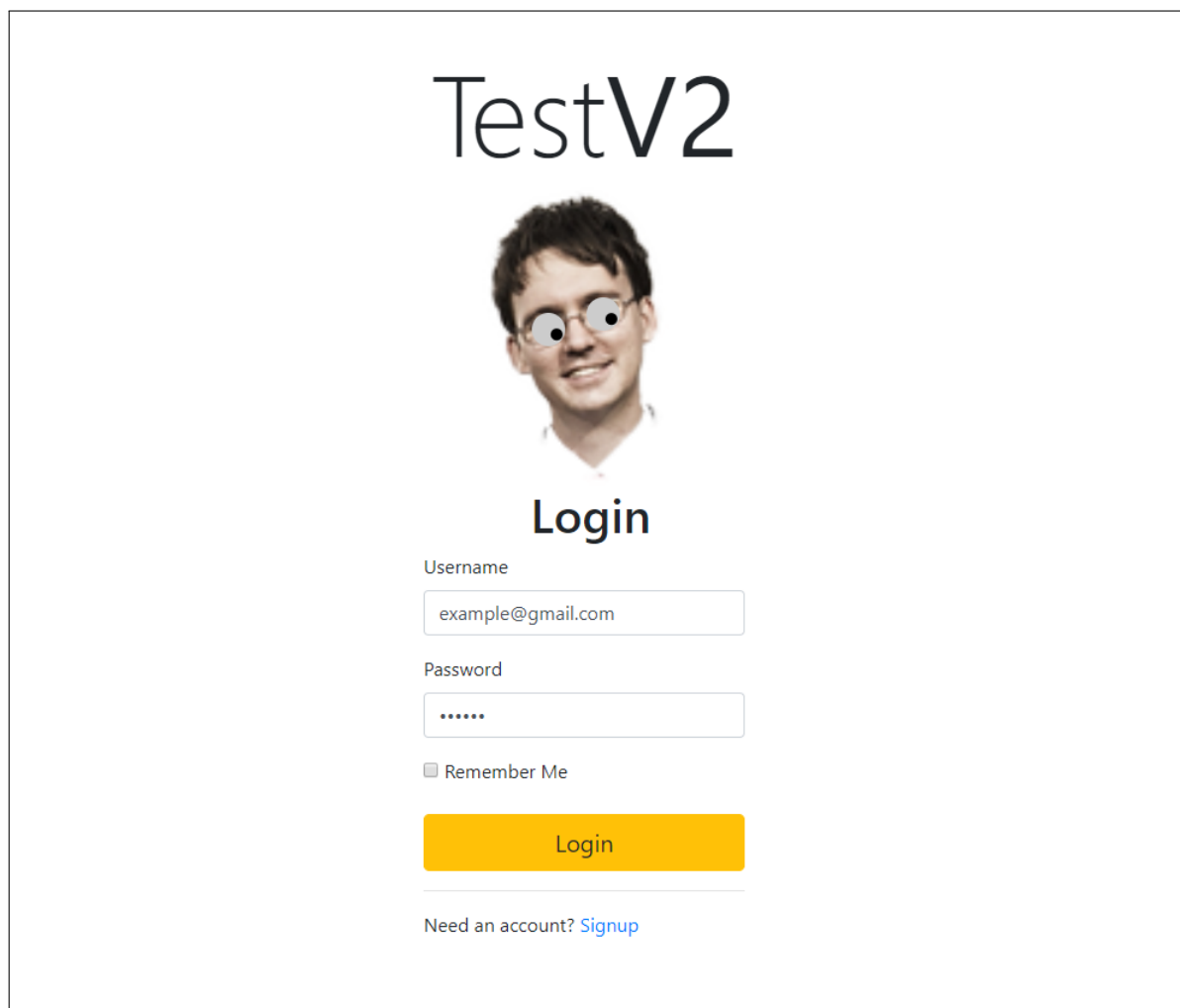
## List of Tables

# 1 Introduction

## 2 Background

## 3 Front-end


### 3.1 Login and Register Interface



The screenshot shows a login interface for 'TestV2'. At the top, the text 'TestV2' is displayed in a large, black, sans-serif font. Below it is a circular profile picture of a man with dark hair and glasses, wearing a white shirt. Under the profile picture, the word 'Login' is written in a bold, black, sans-serif font. Below 'Login' are two input fields: the first is labeled 'Username' and contains the text 'example@gmail.com'; the second is labeled 'Password' and contains six dots. Below the password field is a checkbox labeled 'Remember Me'. Below the checkbox is a yellow button with the text 'Login' in black. At the bottom, there is a link that says 'Need an account? Signup'.

Figure 3.1: Login Page

# TestV2



## Register

Username

Password

[Signup](#)

---

Already have an account? [Login](#)

Figure 3.2: Register Page

## 3.2 Student Interface

## 3.3 Lecturer Interface

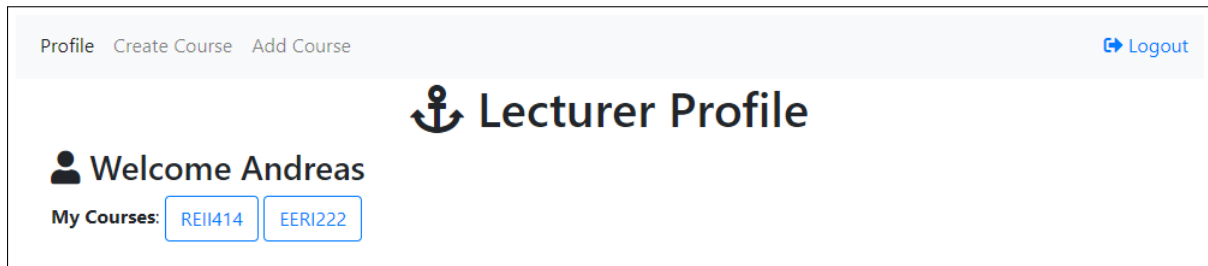


Figure 3.3: Lecturer Profile Page

## 4 Back-end

## 5 Database

## 6 Conclusion

### 6.1 Strenghts

### 6.2 Flaws

### 6.3 Improvements

### 6.4 Techniques Learned