

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

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

Abbreviations

List of Figures

3.1	Login page	1
3.2	Register page	2
3.3	Student profile page	2
3.4	Lecturer Profile Page	3

3.5	Lecturer assessments page	3
3.6	Lecturer gradebook page	3
3.7	Lecturer lessons page	4

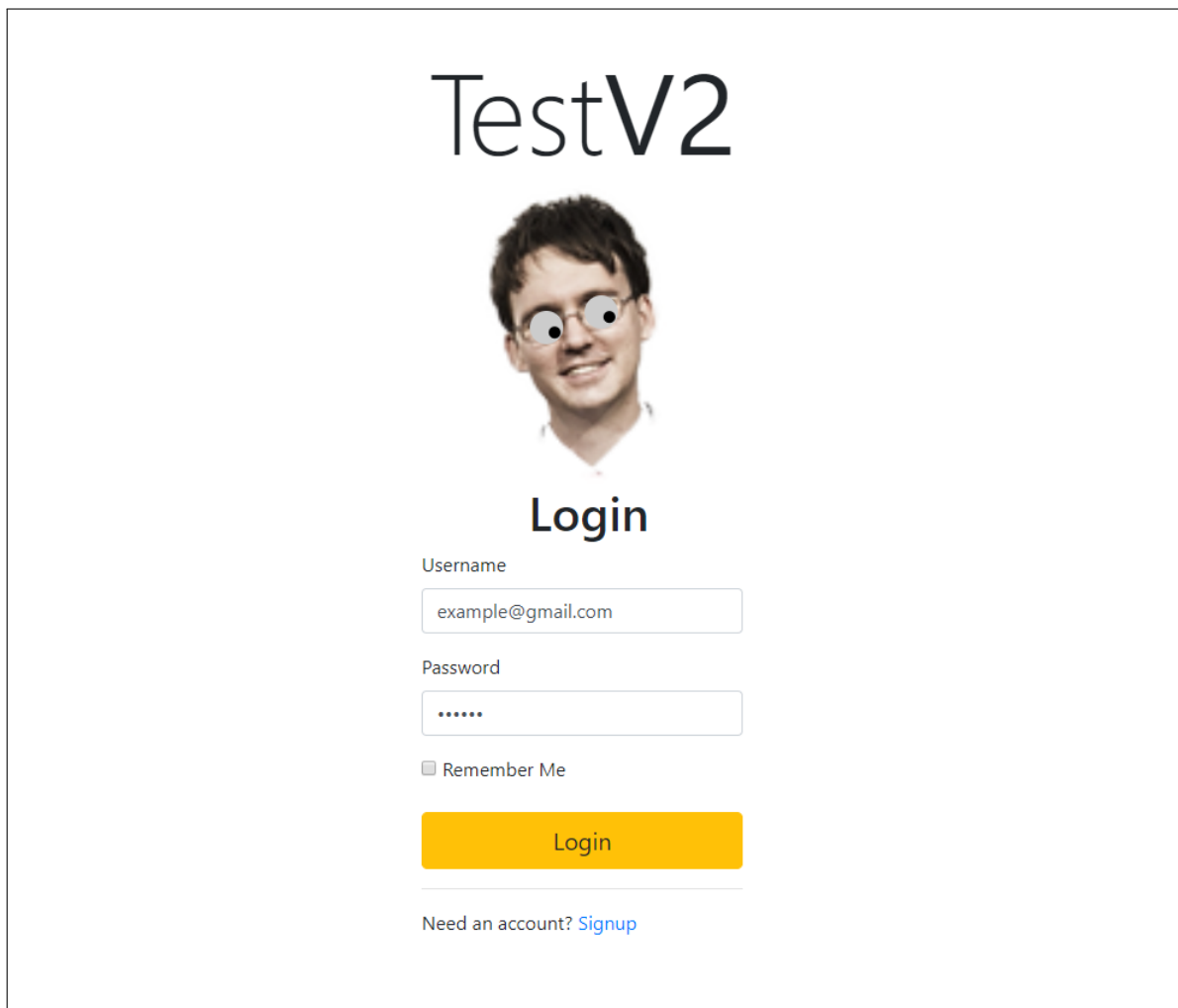
List of Tables

1 Introduction

2 Background

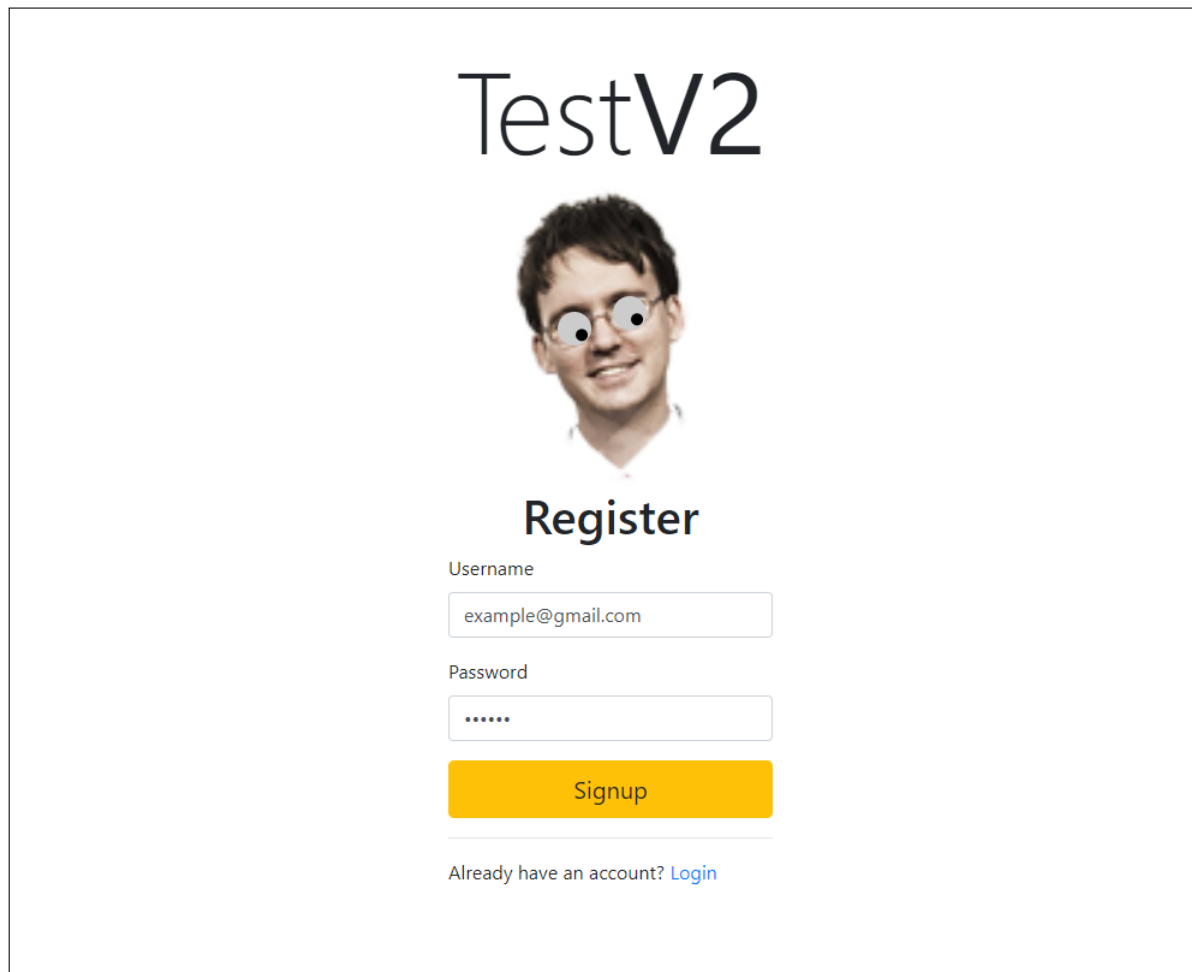
3 Front-end

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 this 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

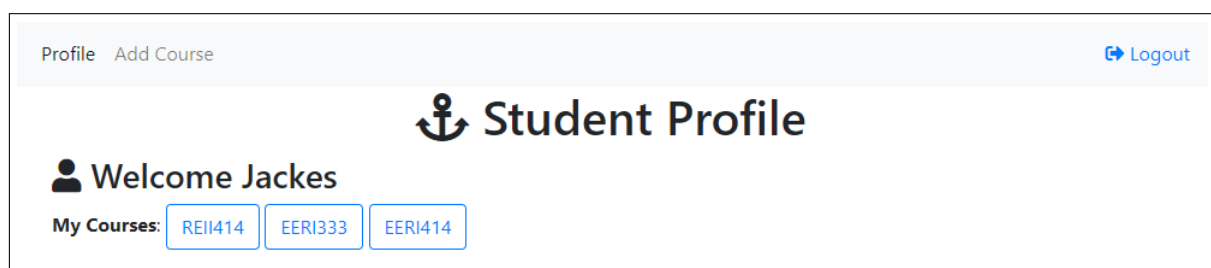
Password

[Signup](#)

Already have an account? [Login](#)


Figure 3.2: Register page

3.2 Student Interface



Profile Add Course [Logout](#)

Student Profile

 Welcome Jackes

My Courses: [REII414](#) [EERI333](#) [EERI414](#)

Figure 3.3: Student profile page

3.3 Lecturer Interface

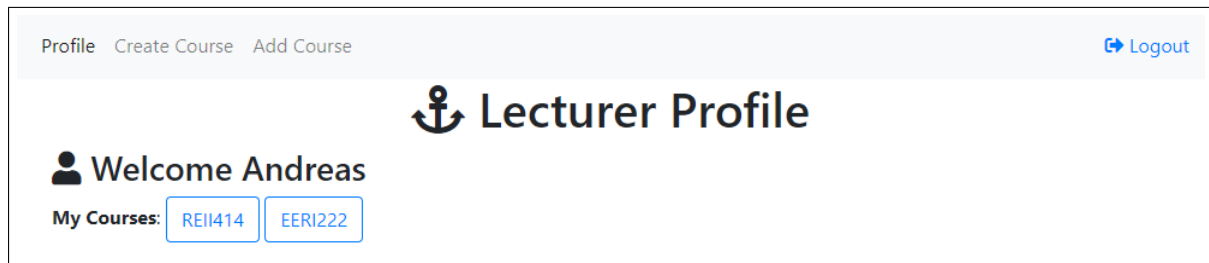


Figure 3.4: Lecturer profile page

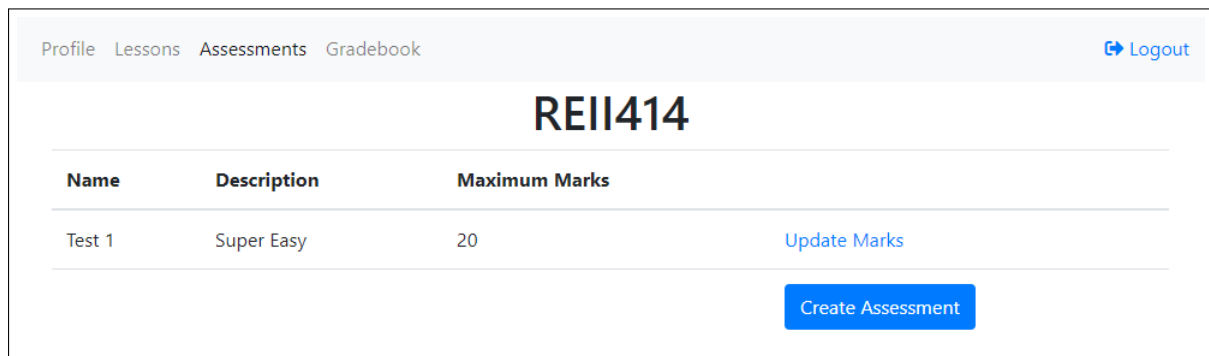


Figure 3.5: Lecturer assessments page

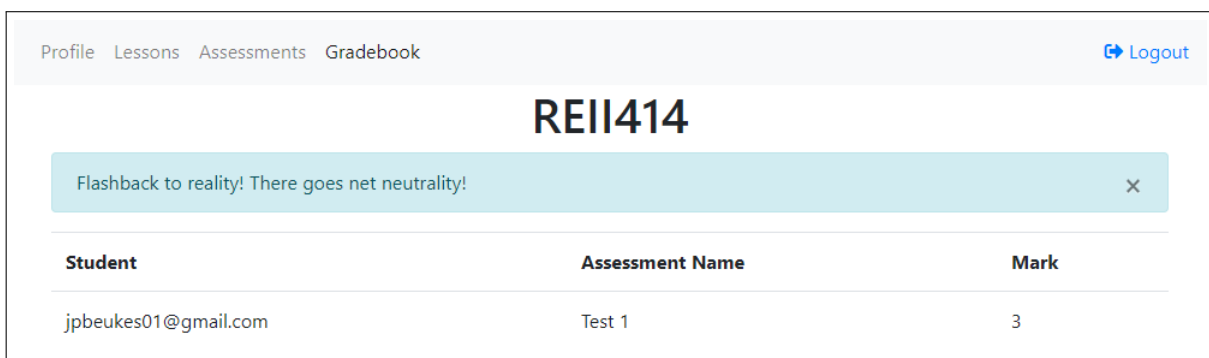



Figure 3.6: Lecturer gradebook page

Profile Lessons Assessments Gradebook [Logout](#)

REII414

Database & Philosophy

#	Lesson	Description	Material	
2	 Tutorial	ERD	Tut problems 2018-02-15.txt	Delete

Create Lesson

Figure 3.7: Lecturer lessons page

4 Back-end

5 Database

6 Conclusion

6.1 Strenghts

6.2 Flaws

6.3 Improvements

6.4 Techniques Learned