

FACULTY OF ENGINEERING

REI 414 Practical: E-Learning Platform

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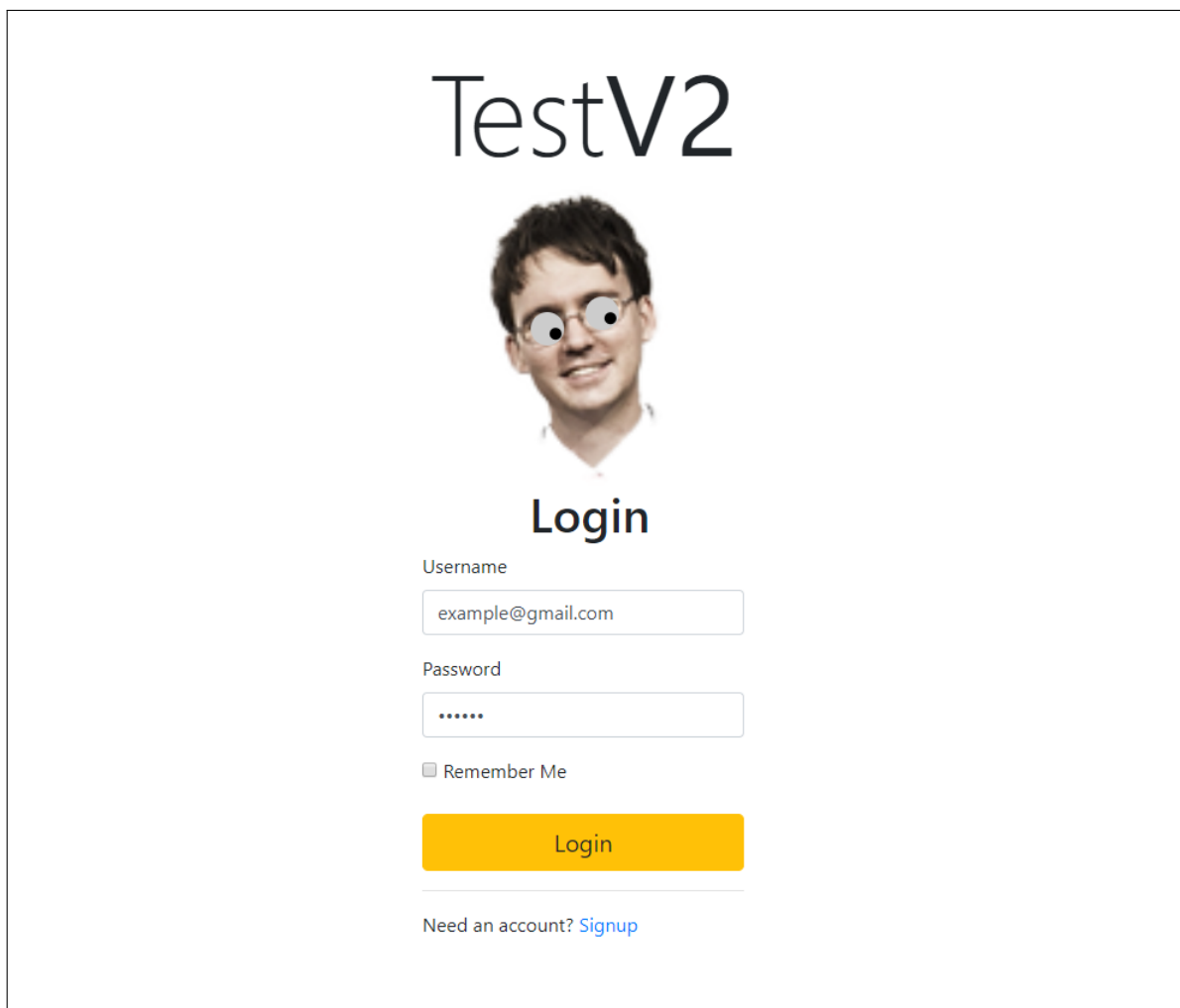
1 Introduction

2 Background

3 Database

4 Front-end


4.1 Login and Register Interface



The screenshot shows a web 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. Underneath 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 rectangular button with the word 'Login' in black text. At the bottom of the form, there is a link that says 'Need an account? [Signup](#)'.

Figure 4.1: Login page

TestV2



Register

Username

Password

[Signup](#)

Already have an account? [Login](#)

Figure 4.2: Register page

4.2 Lecturer Interface

[Profile](#) [Create Course](#) [Add Course](#) [Logout](#)

Lecturer Profile

Welcome Andreas

My Courses: [REII414](#) [EERI222](#)

Figure 4.3: Lecturer profile page

Create Course

×

Course Name

EERI414

Course Description

Signal Theory

Create

Close

Figure 4.4: Page for creating a course

Add Course

×

Available Courses:

EERI313

CEMI101

EERI414

EERI222

EERI333

REII414

Close


Figure 4.5: Page for adding a course

Profile Lessons Assessments Gradebook

Logout

REII414

Database & Philosophy

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

Create Lesson

Figure 4.6: Lecturer lessons page

Profile Lessons Assessments Gradebook

Logout

REII414

Name	Description	Maximum Marks	
Test 1	Super Easy	20	Update Marks

Create Assessment

Figure 4.7: Lecturer assessments page

Profile Lessons Assessments Gradebook Logout		
REII414		
Flashback to reality! There goes net neutrality! ×		
Student	Assessment Name	Mark
jpbeukes01@gmail.com	Test 1	3

Figure 4.8: Lecturer gradebook page

Create Assessment [×](#)

Name

Description

Maximum Mark

Create

Close

Figure 4.9: Page for creating assessments

Student Name

Mark

Create

Figure 4.10: Update student marks page

4.3 Student Interface



Profile	Add Course	Logout
 Student Profile		
 Welcome Jackes		
My Courses: REII414 EERI333 EERI414		

Figure 4.11: Student profile page

5 Back-end

6 Conclusion

6.1 Strenghts

6.2 Flaws

6.3 Improvements

6.4 Techniques Learned