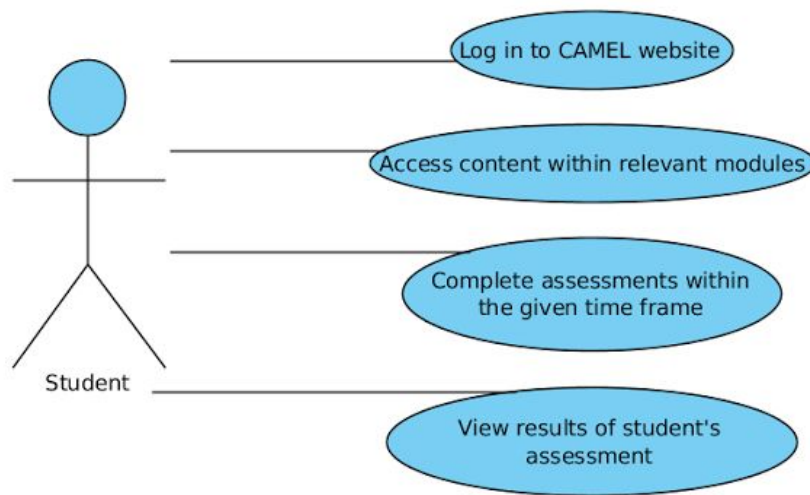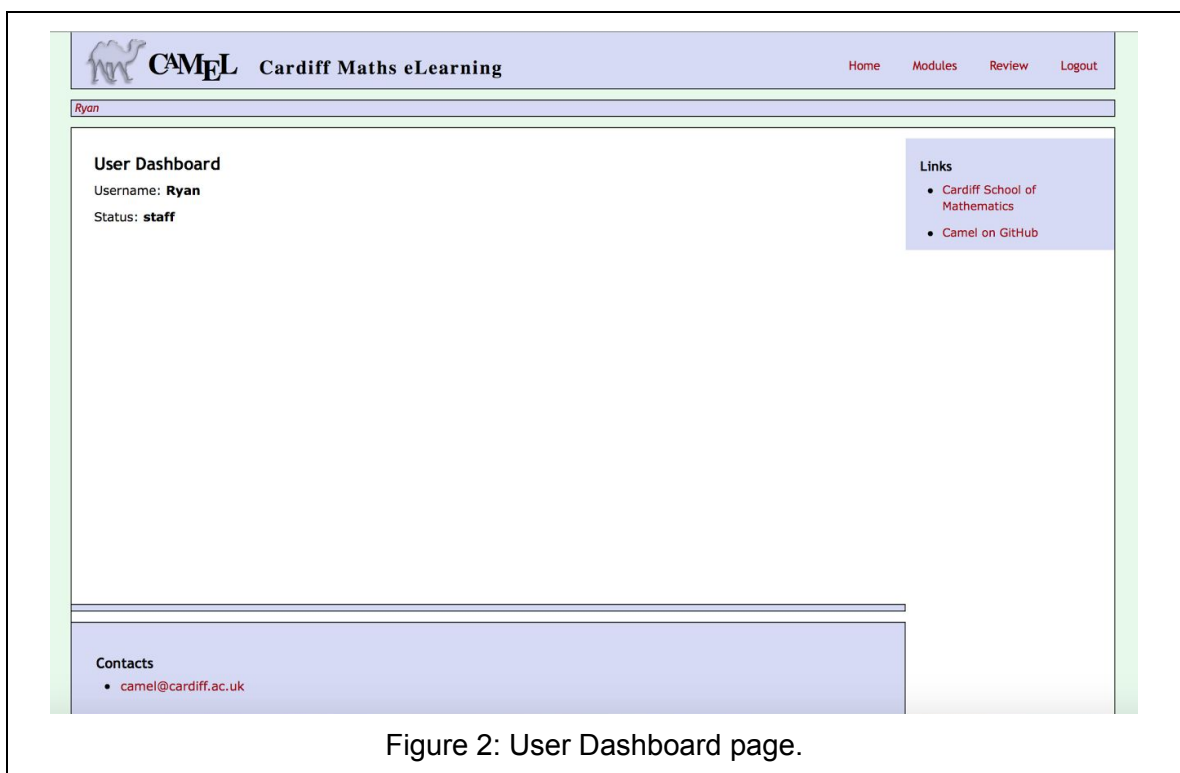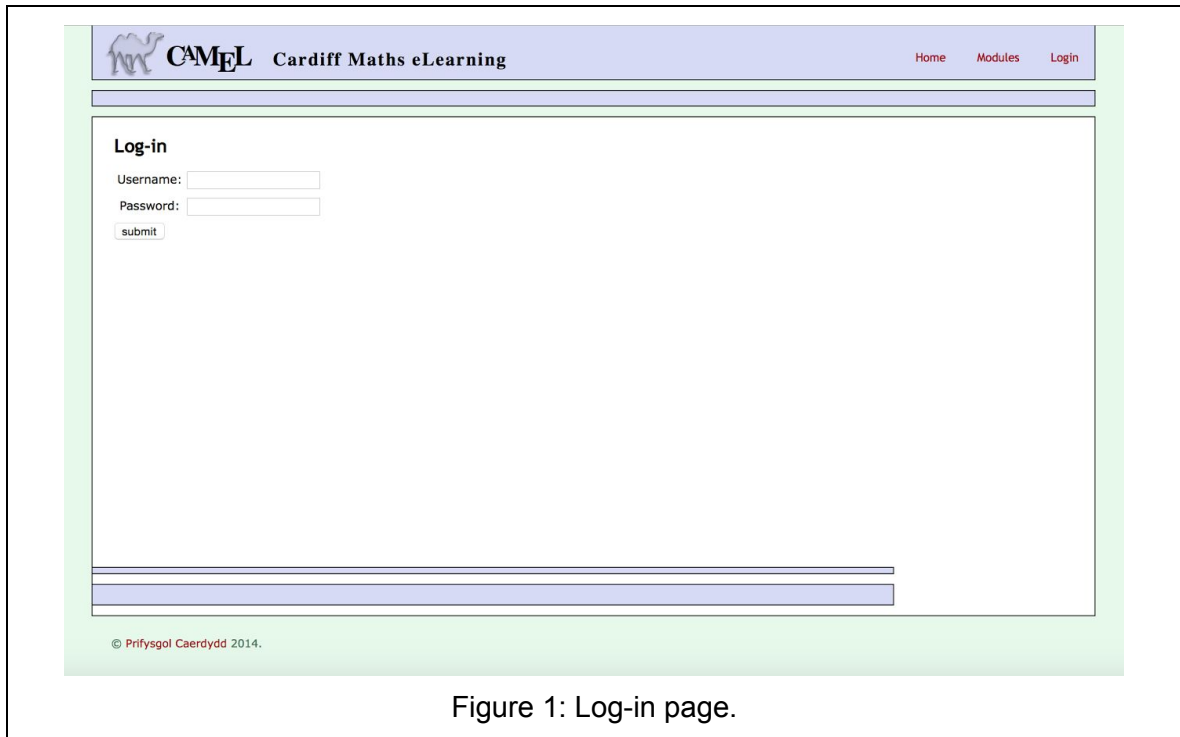# Use Cases

ACTOR: Student

Use cases:
- Log in to CAMEL website
- Access content within relevant modules
- Complete assessments within the given time frame
- View results of student's assessment.

- **Use Case 1**: Login to CAMEL Website

Figure 1: Log-in page.

Figure 2: User Dashboard page.

Scenario 1: Students successfully log in to CAMEL.

1. Click **Login** in top right hand corner.
2. SYSTEM displays **Log-in** page.
3. Enter username and password and click **Submit**.
4. SYSTEM displays the **User Dashboard** if login is successful. **User Dashboard** displays the appropriate username and Status as **'Student'**.
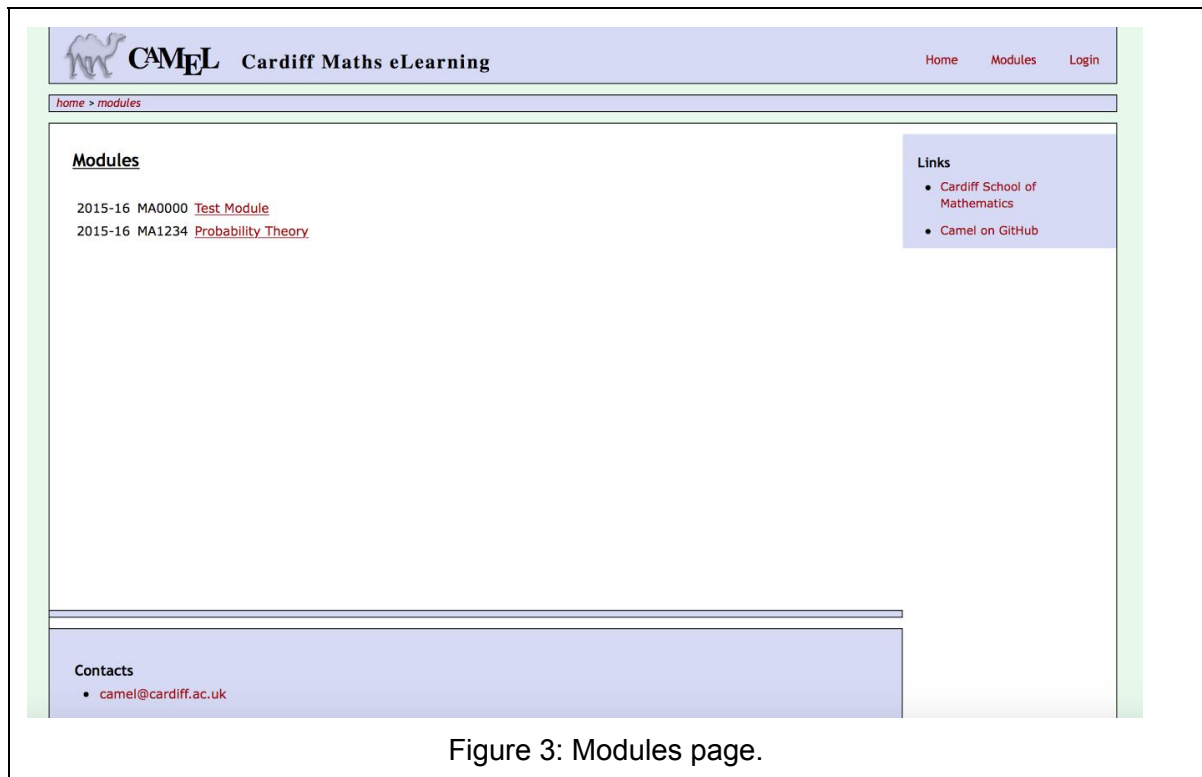
Scenario 2: Students unsuccessful to log in to CAMEL.

1. Click **Login** in top right hand corner.
2. SYSTEM displays **Log-in** page.
3. Enter username and password and click **Submit**.
4. SYSTEM displays the **Log-in** page again if login is unsuccessful, with an error message reading '**The username or password you entered is incorrect. Please try again.**'

<u>**Use Case 2:**</u> **Access content within relevant modules.**

Preconditions: Student is already logged in.
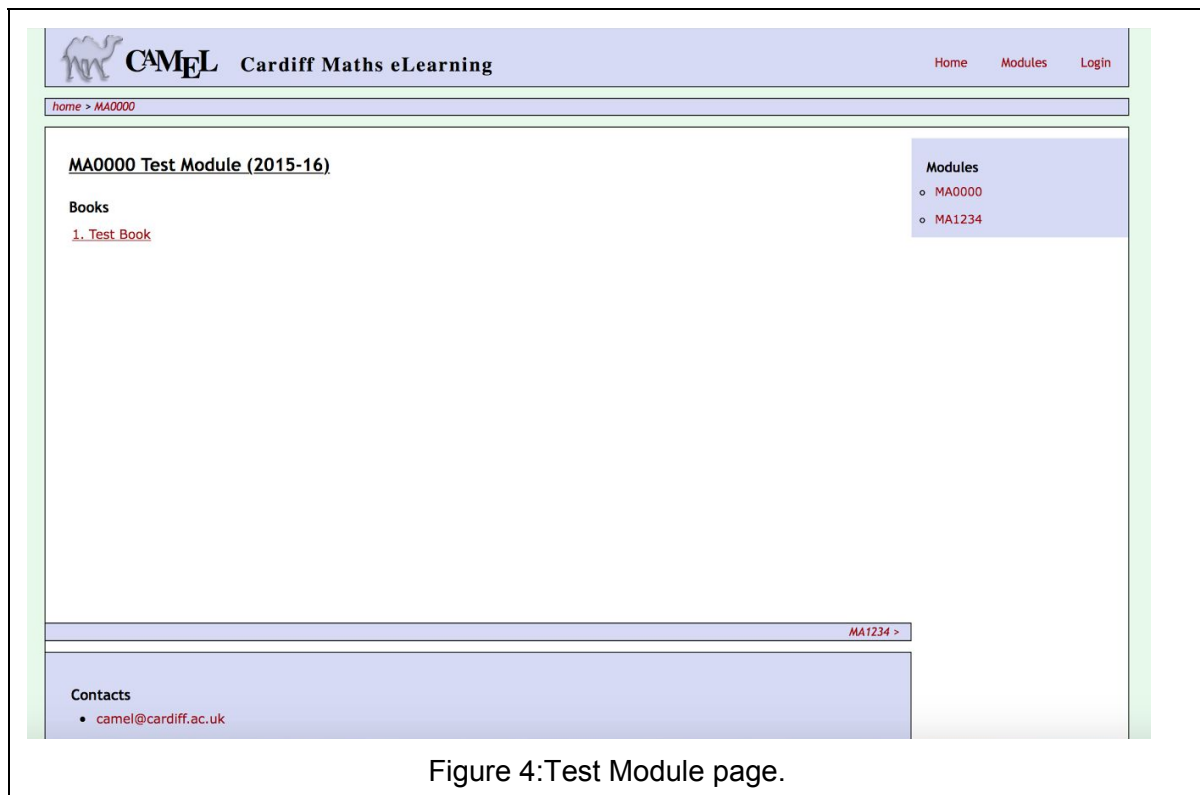

Figure 3: Modules page.
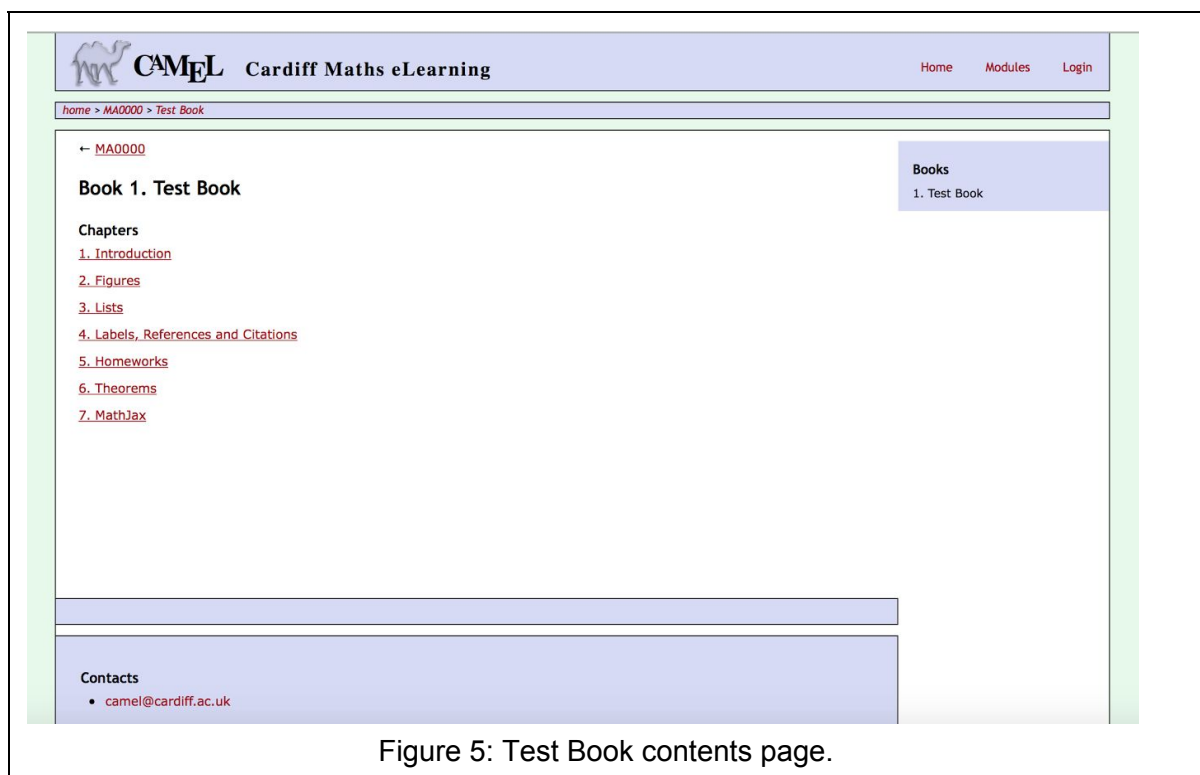
Figure 4:Test Module page.
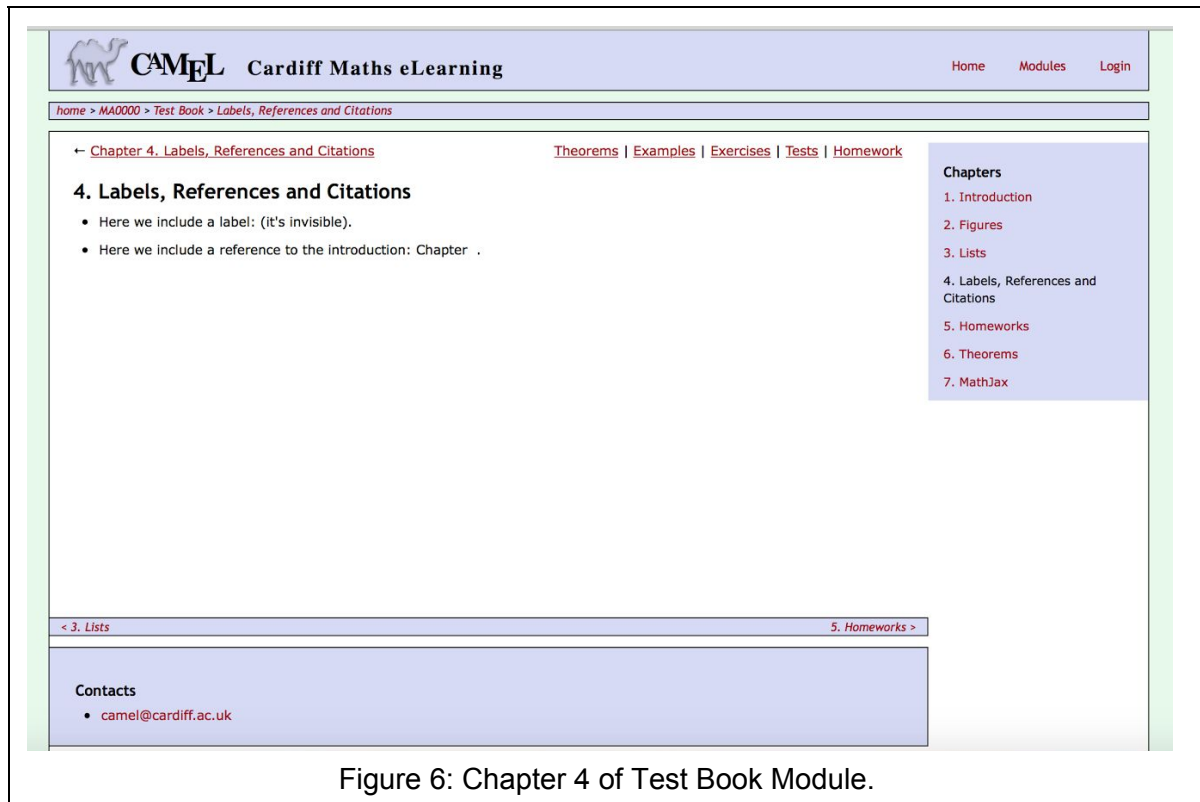

Figure 5: Test Book contents page.

Figure 6: Chapter 4 of Test Book Module.

Scenario 1: Student wishes to view the list of modules they're enrolled for.

1. Click **Modules** in top right hand corner.

OR

    Click **Modules** on the **Home** page.

2. SYSTEM displays **Modules** page and the modules the student is enrolled on.

Scenario 2: Student wishes to view the contents of a Module.

1. Click **Modules** in top right hand corner.

OR

    Click **Modules** on the **Home** page.

2. SYSTEM displays **Modules** page and the modules the student is enrolled on.
3. Click **Test Module**.
4. SYSTEM displays contents of 'Test Module'

Scenario 3: Student wishes to view a Book within a Module:

1. Click **Modules** in top right hand corner.

OR

    Click **Modules** on the **Home** page.

2. SYSTEM displays **Modules** page and the modules the student is enrolled on.
3. Click **Test Module**.

4. SYSTEM displays contents of 'Test Module'
5. Click **Test Book**.
6. SYSTEM displays Chapters of the Book.

Scenario 4: Student wishes to view a Chapter within the Book.

1. Click **Modules** in top right hand corner.

OR

Click **Modules** on the **Home** page.
2. SYSTEM displays **Modules** page and the modules the student is enrolled on.
3. Click **Test Module**.
4. SYSTEM displays contents of 'Test Module'
5. Click **Test Book**.
6. SYSTEM displays Chapters of the Book.
7. Click **4: Labels, References, and Citations**.
8. SYSTEM displays contents of **Chapter 4** of the Book.

- **Use Case 3: Complete assessments within the given time frame.**

Preconditions: Student is already logged in.

Figure 7: Homework page.

← Chapter 2. Events   Theorems | Examples | Exercises | Tests | Homework

Homework 2.1

Homeworks
- Homework 2.1

Question 1

Identify a sample space, and the subset corresponding to event A, in each of the following scenarios:

a. A coin is tossed three times. A is the event that at least two heads are obtained.

b. A game of football is played. A is the event that the match ends in a draw.

c. A couple have two children. A is the event that both are girls.

d. A shot hits a circular target of radius 10cm. A is the event that the shot hits within 3cm of the centre.

Your answer

Start

Question 2

A family of sets $\mathcal{F}$ over Ω is said to be
- *closed under finite unions* if $A_1 \cup A_2 \cup \ldots \cup A_n \in \mathcal{F}$ whenever $A_1, A_2, \ldots A_n \in \mathcal{F}$, and
- *closed under finite intersections* if $A_1 \cap A_2 \cap \ldots \cap A_n \in \mathcal{F}$ whenever $A_1, A_2, \ldots A_n \in \mathcal{F}$.

If $\mathcal{F}$ is a field of sets over Ω, show that $\mathcal{F}$ is closed under finite unions and finite intersections.

Your answer

56 mod 54 + 5

Edit   (last saved Jan. 28, 2016, 11:49 a.m.)

Submit Homework

Figure 8: Homework within Homework page.

← Chapter 3. Probability   Theorems | Examples | Exercises | Tests | Homework

Test 3.1

Tests
- Homework 3.1

--- single-choice only --- (multiple-choice not yet implemented) ---

Question 1

Who is the odd one out?

○ John

○ Paul

○ George

○ Bingo

Submit

Multiplechoice 3.2 >

Contacts
- camel@cardiff.ac.uk

Figure 9: Test Page with Single Choice Question.

Figure 10: Exercise Page.

Scenario 1: Student wants to submit a Homework.

1. Click **Homeworks** in appropriate Module.
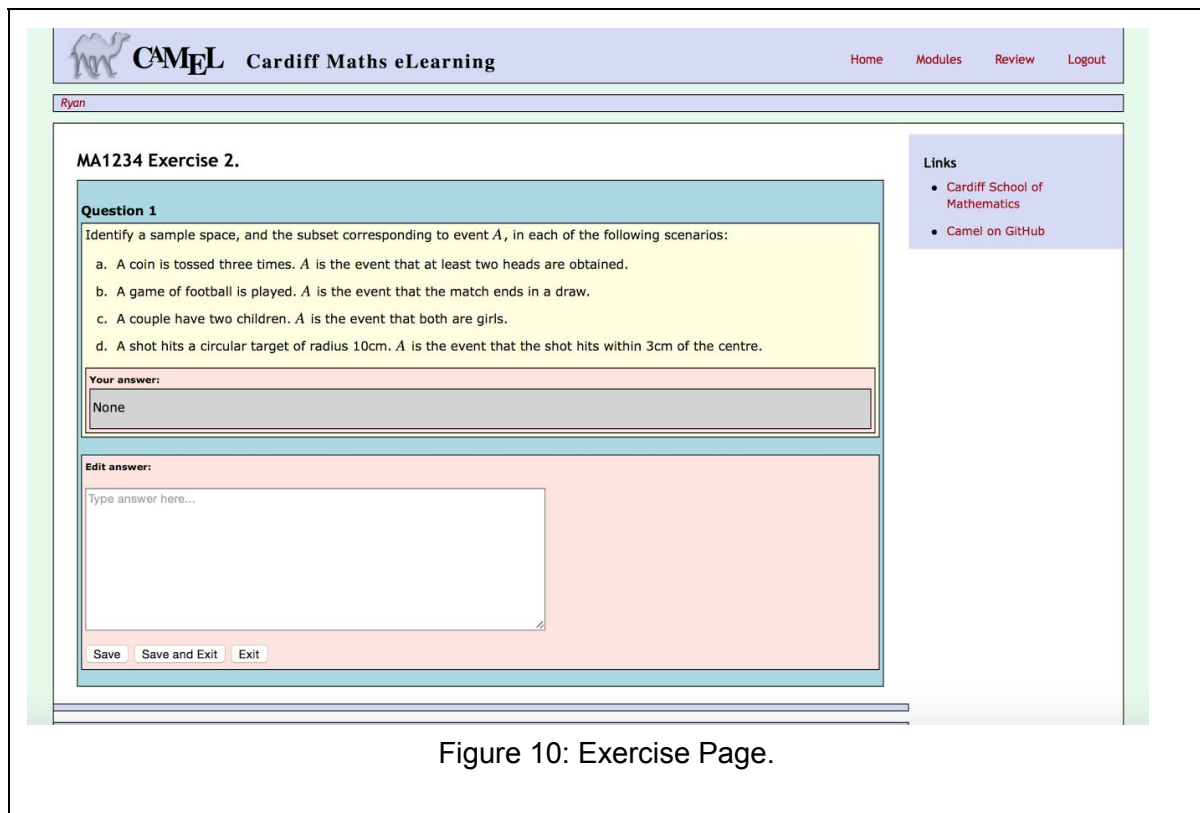2. SYSTEM displays **Homeworks** page and the various Homeworks the student has yet to submit.
3. Click **Homework 2.1**.
4. SYSTEM displays contents of Homework 2.1
5. Student fills in questions as appropriate.
6. Click **Submit Homework**.
7. SYSTEM returns to **Homeworks** page and displays appropriate message next to the particular Homework about its stage of completion.

Scenario 2: Student wants to write an answer to a question.

1. Student is on the appropriate Homework page.
2. Click **Start** under a question on the Homework.
3. SYSTEM creates 'Edit answer:' box where student can type in an answer using appropriate LaTeX codes.
4. Click **Save**.
5. SYSTEM displays a preview of LaTeX answer above, under 'Your answer:'
6. Click **Save and Exit**.
7. SYSTEM hides the edit box.

Scenario 3: Student wants to edit an answer to a question.

1. Student is on the appropriate Homework page.
2. Click **Edit** under a second question where an answer is already written in.
3. SYSTEM creates 'Edit answer:' box which contains students previous answer.
4. Edit as appropriate and Click **Save**.
5. SYSTEM displays a preview of LaTeX answer above, under 'Your answer:'
6. Click **Save and Exit**.
7. SYSTEM hides the edit box.

Scenario 4: Student wants to submit a Test.

1. Click **Tests** in appropriate Module.
2. SYSTEM displays **Tests** page and the various Tests the student has yet to submit.
3. Click **Test 1**.
4. SYSTEM displays contents of Test 1.
5. Student fills in questions as appropriate.
6. Click **Submit**.
7. SYSTEM returns to **Tests** page and displays appropriate message next to the particular Tests about its stage of completion.

Scenario 5: Student wants to submit an Exercise.

1. Click **Exercises** in appropriate Module.
2. SYSTEM displays **Exercises** page and the various Exercises the student has yet to submit.
3. Click **Exercise 1**.
4. SYSTEM displays contents of Exercise 1.
5. Student fills in questions as appropriate.
6. Click **Submit**.
7. SYSTEM returns to **Exercises** page and displays appropriate message next to the particular Exercises about its stage of completion.

- **Use Case 4: View results of student's assessment.**

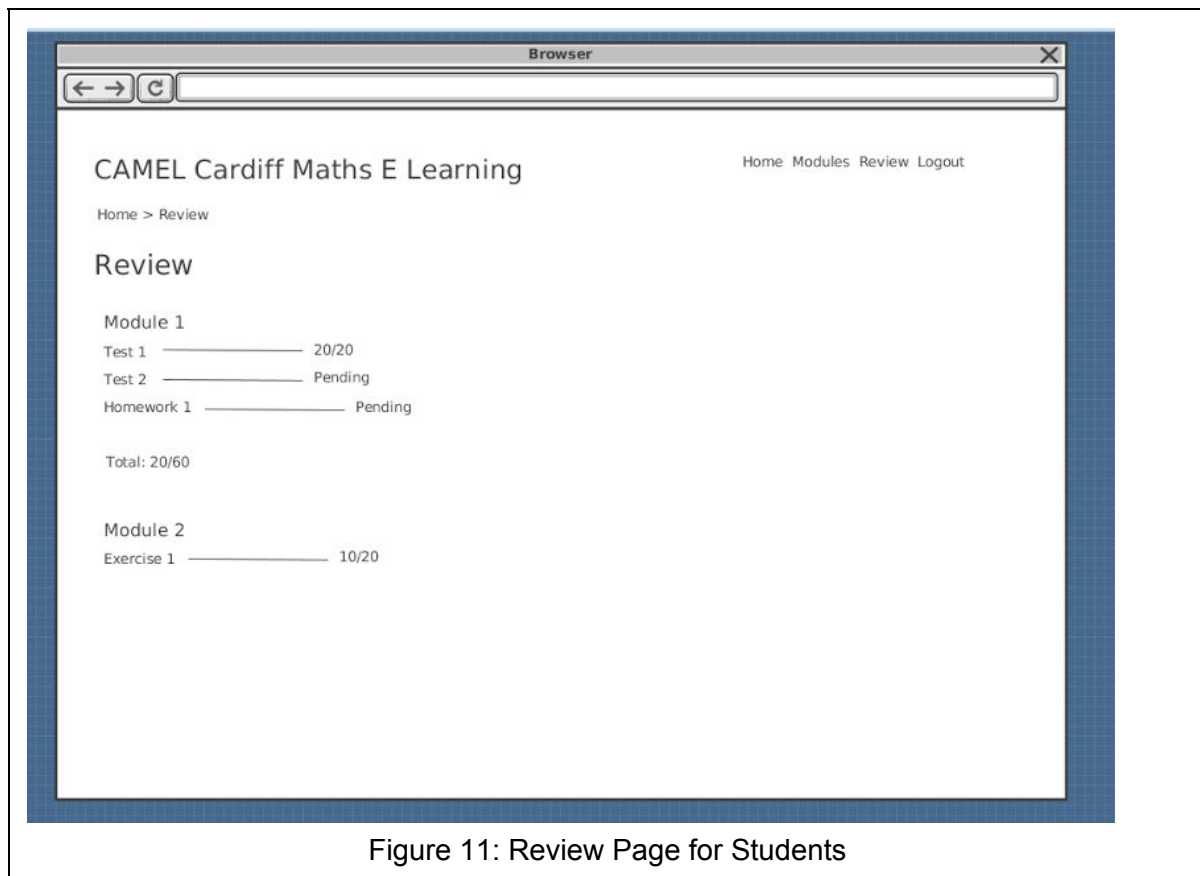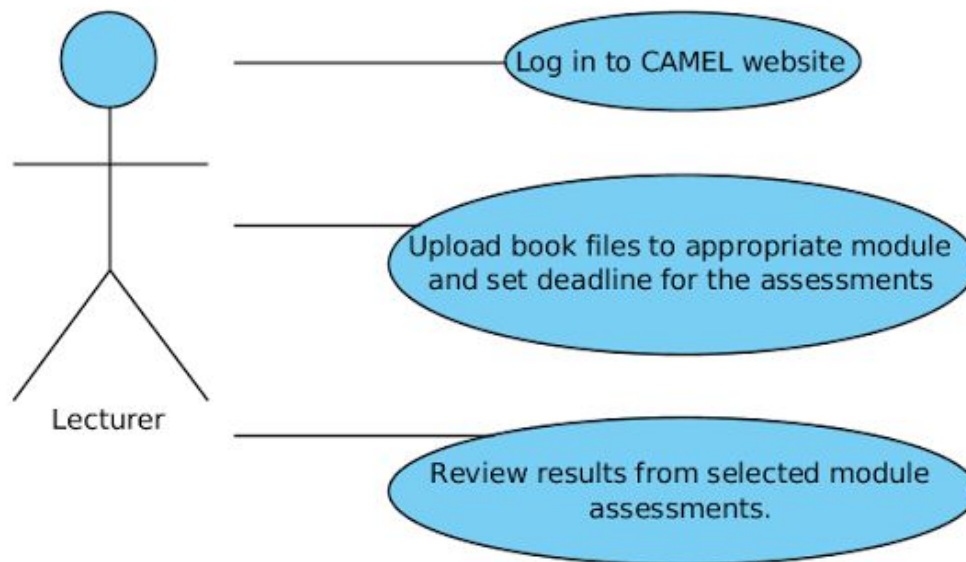**Preconditions:** Student is already logged in.

Figure 11: Review Page for Students

Scenario 1: Student wants to view his results for his modules.
1. Click **Review** in the top right hand corner.
2. SYSTEM displays **Review** page and lists the various modules that the student is enrolled on. Under each module the grades are listed for each assessment/homework/test.

DISCUSS STRENGTHS AND WEAKNESSES OF 1 DEADLINE PER BOOK

ACTOR: Lecturer

Use cases:
- Log in to CAMEL website
- Upload book files to appropriate module and set deadline for the assessments
- Review results from selected module assessments.

- **Use Case 1: Login to CAMEL website.**

Scenario 1: Lecturer successfully logs in to CAMEL.

1.Click **Login** in top right hand corner.
2. SYSTEM displays **Log-in** page.
3. Enter username and password and click **Submit**.
4. SYSTEM displays the **User Dashboard** if login is successful. **User Dashboard** displays the appropriate username and Status as **'Staff'**.
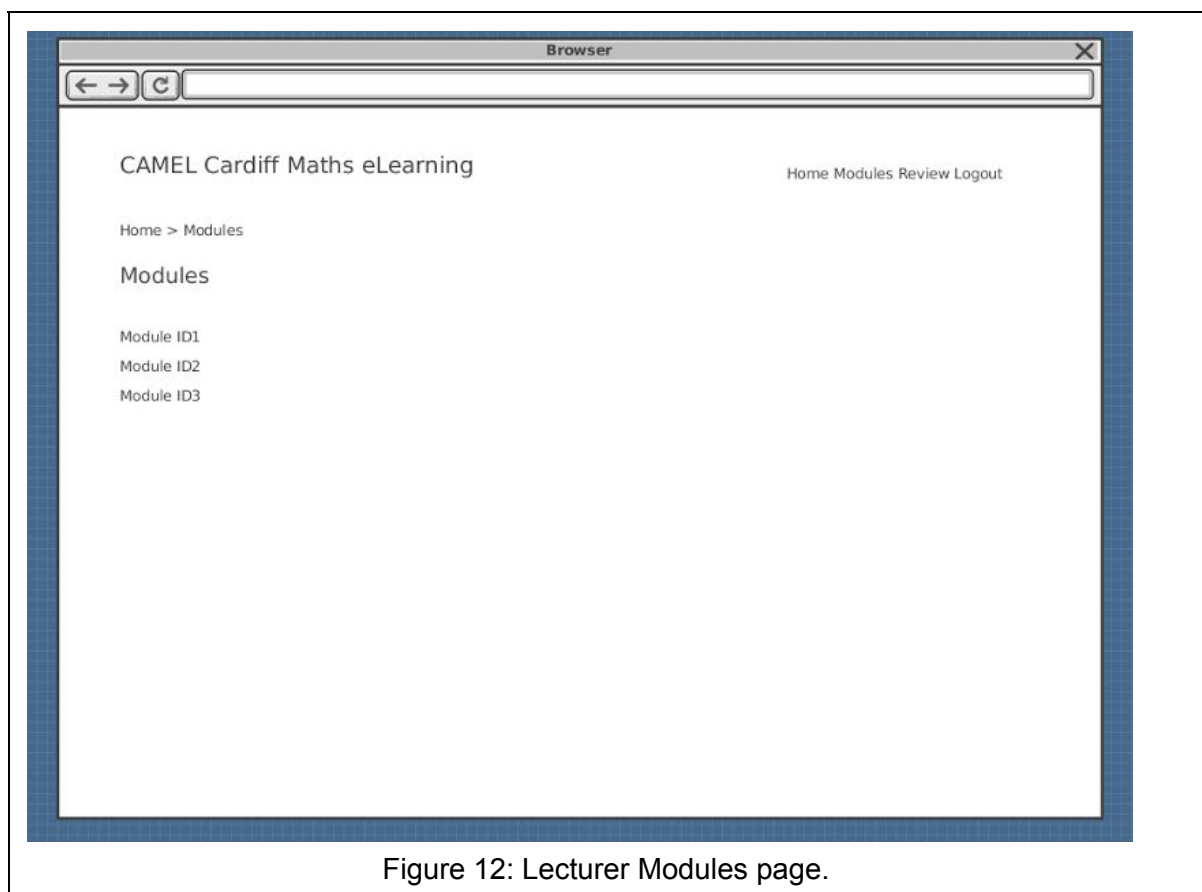
Scenario 2: Lecturer unsuccessfully logs in to CAMEL.

1. Click **Login** in top right hand corner.
2. SYSTEM displays **Log-in** page.
3. Enter username and password and click **Submit**.
4. SYSTEM displays the **Log-in** page again if login is unsuccessful, with an error message reading '**The username or password you entered is incorrect. Please try again.**'

- **Use Case 2:** **Upload book files to appropriate modules and set deadline for assessments.**

Preconditions: Lecturer is already logged in.

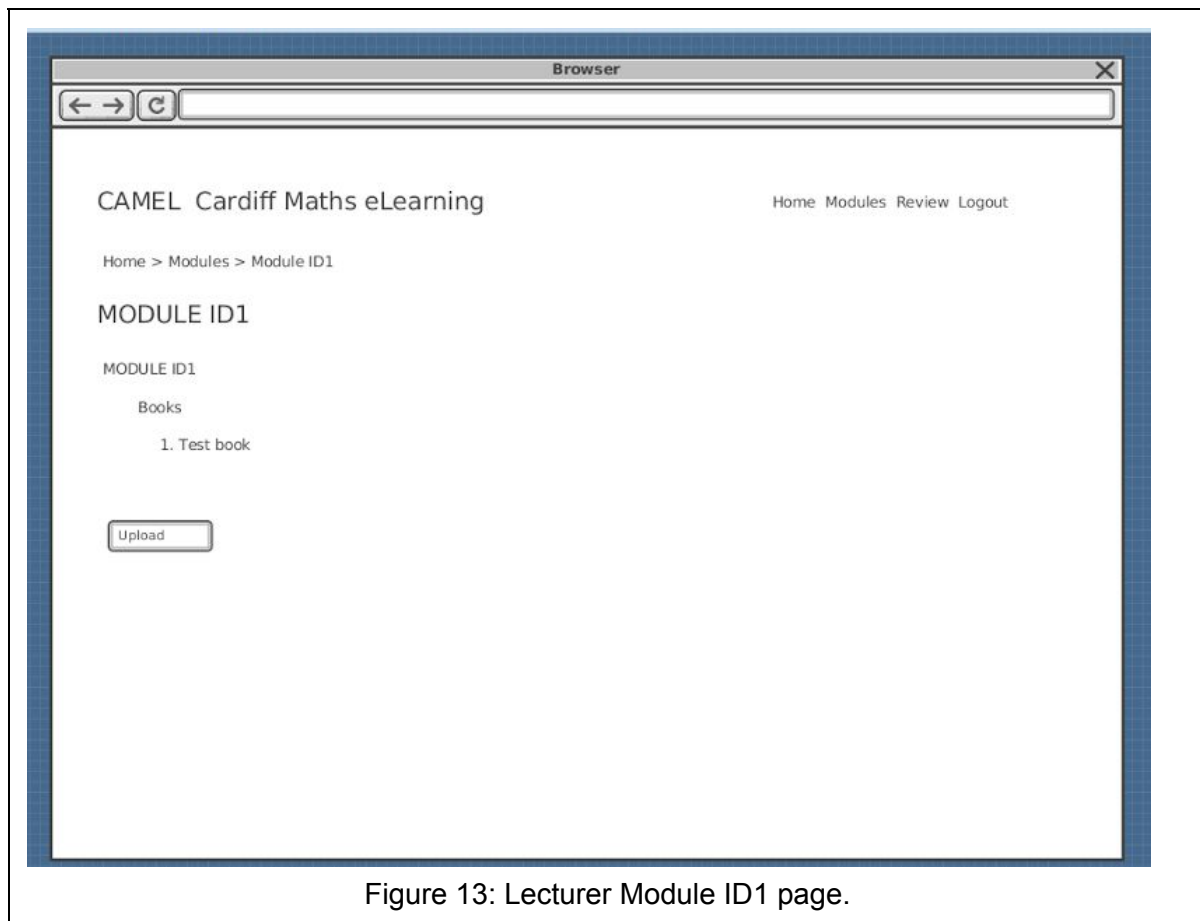
Figure 12: Lecturer Modules page.
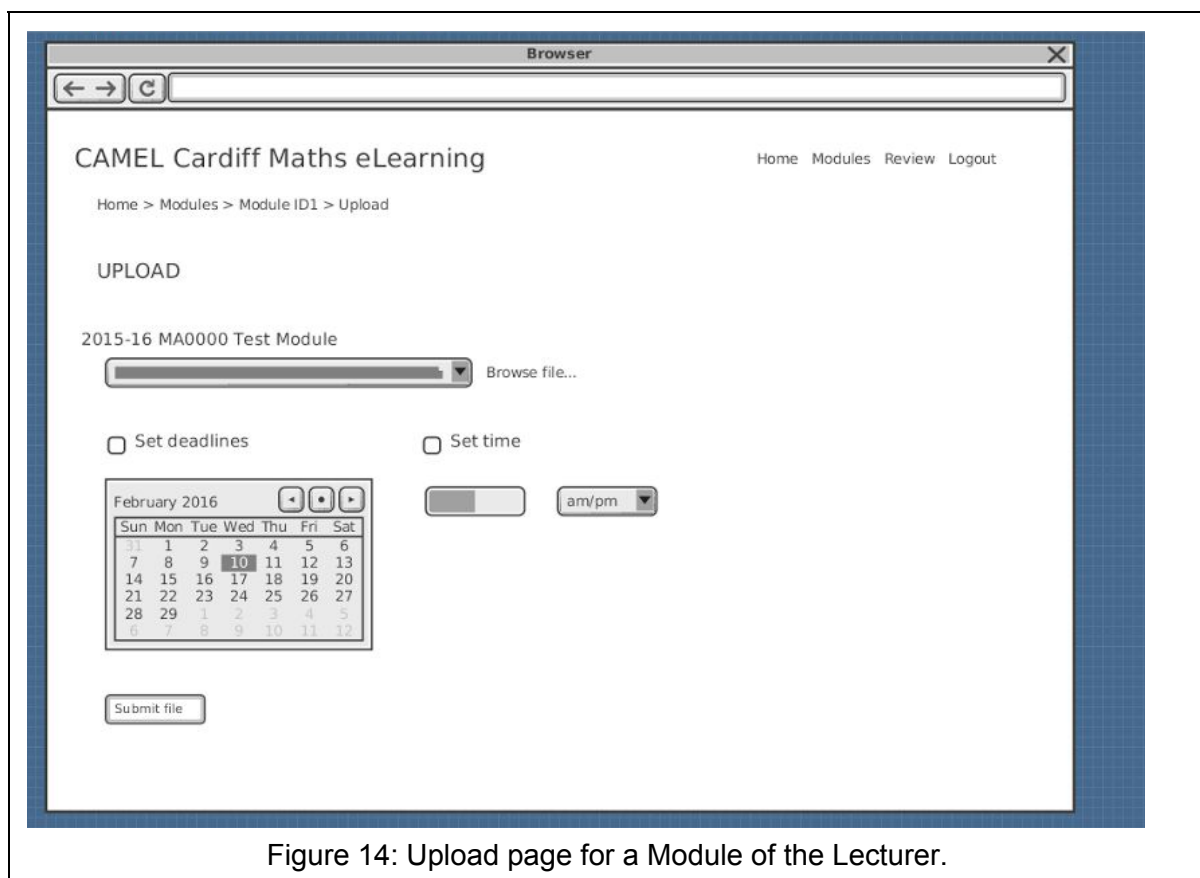
Figure 13: Lecturer Module ID1 page.

Figure 14: Upload page for a Module of the Lecturer.

Scenario 1: Lecturer uploads book file that is successfully parsed by the system.

1. Click **Modules**.
2. SYSTEM displays **Modules** page which contains all Modules the lecturer teaches.
3. Click on **Module ID1**.
4. SYSTEM displays **Module ID1** page.
5. Click **Upload**.
6. SYSTEM displays **Upload** page for Module ID1.
7. Select file to upload from **Browse File** **hyperlink**.
8. Set a deadline by ensuring **Set Deadlines** tick box is ticked, then select which date the assignment is due on the **calendar**.
9. Set time by ensuring **Set Time** tick box is ticked, then select **am** or **pm** from the **drop down list** and insert the time in the blank field.
10. Select **Submit File**.
11. SYSTEM displays **Modules** page with file uploaded.

Scenario 2: Lecturer uploads book file that is unsuccessfully parsed by the system.

1. Click **Modules**.
2. SYSTEM displays **Modules** page which contains all Modules the lecturer teaches.
3. Click on **Module ID1**.
4. SYSTEM displays **Module ID1** page.
5. Click **Upload**.
6. SYSTEM displays **Upload** page for Module ID1.
7. Select file to upload from **Browse File** **hyperlink**.
8. Set a deadline by ensuring **Set Deadlines** tick box is ticked, then select which date the assignment is due on the **calendar**.
9. Set time by ensuring **Set Time** tick box is ticked, then select **am** or **pm** from the **drop down list** and insert the time in the blank field.
10. Select **Submit File**.
11. SYSTEM displays an error message on the **Upload** page that reads: '**The file could not be parsed. Please check your file and try again.**'

- **Use Case 3:** **Review results from selected module assessments.**

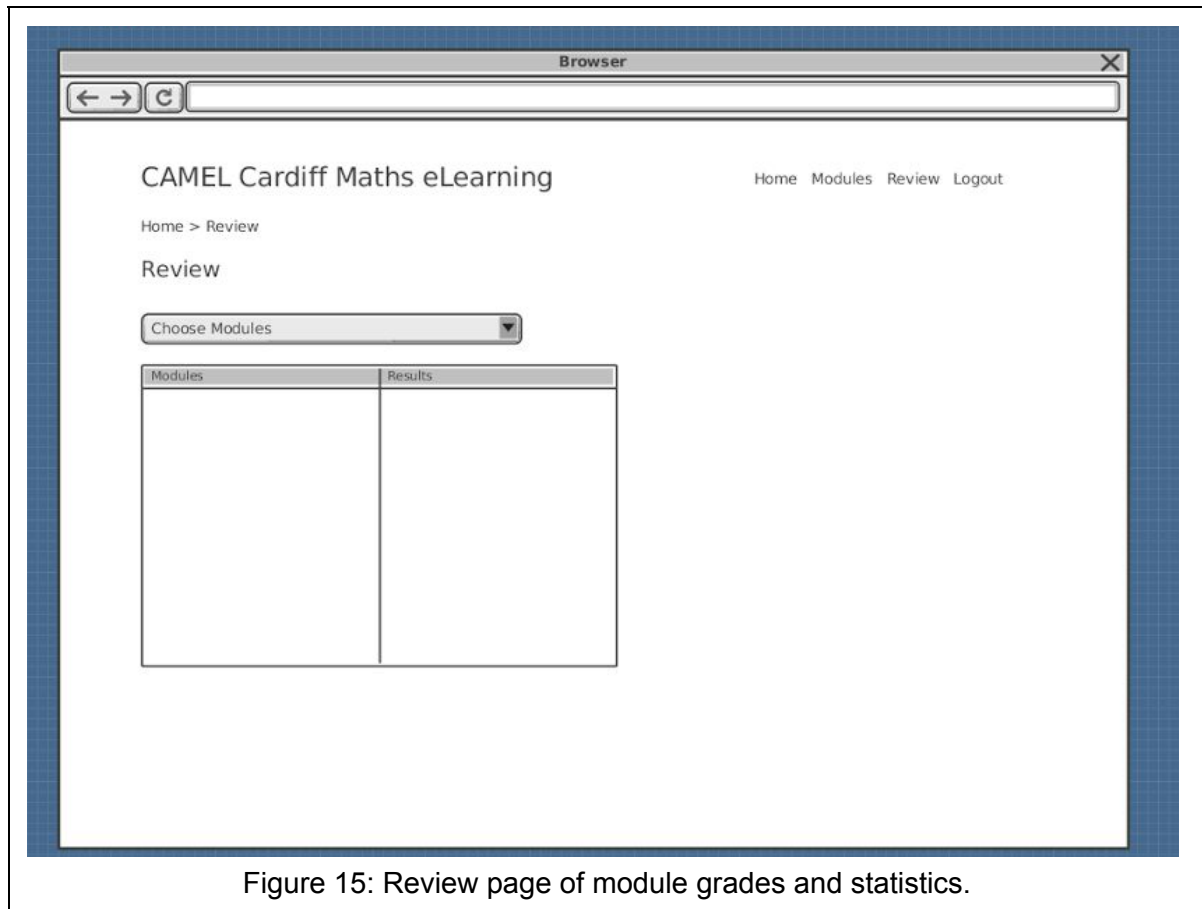**Preconditions:** Lecturer is already logged in.

Figure 15: Review page of module grades and statistics.

Scenario 1: Lecturer reviews results.

1. Click **Review.**
2. SYSTEM displays **Review** page which contains a drop down list of all of the Modules the lecturer teaches.
3. Click on **Choose Modules** on the drop down list and select a Module.
4. SYSTEM displays various result statistics of the module.