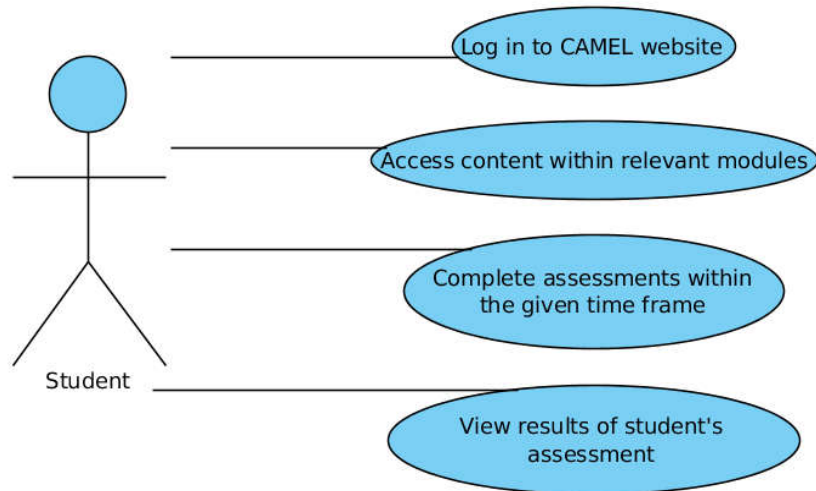


Use Cases

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**

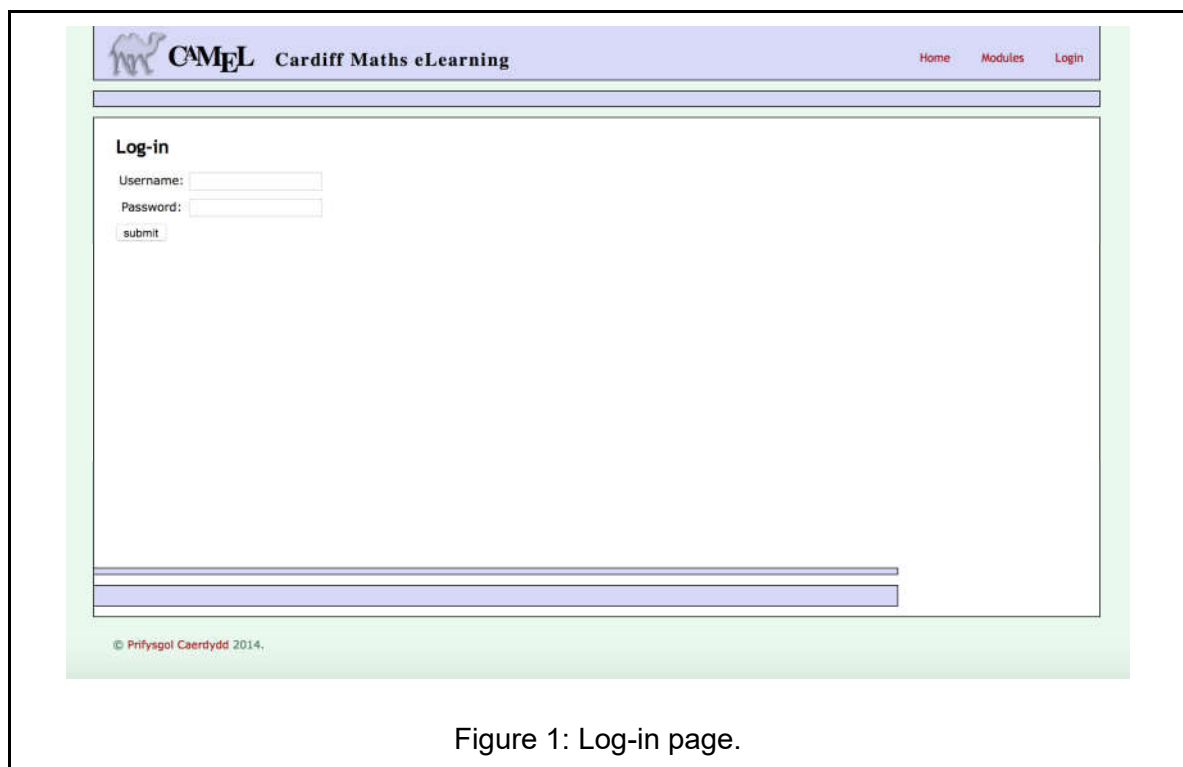


Figure 1: Log-in page.

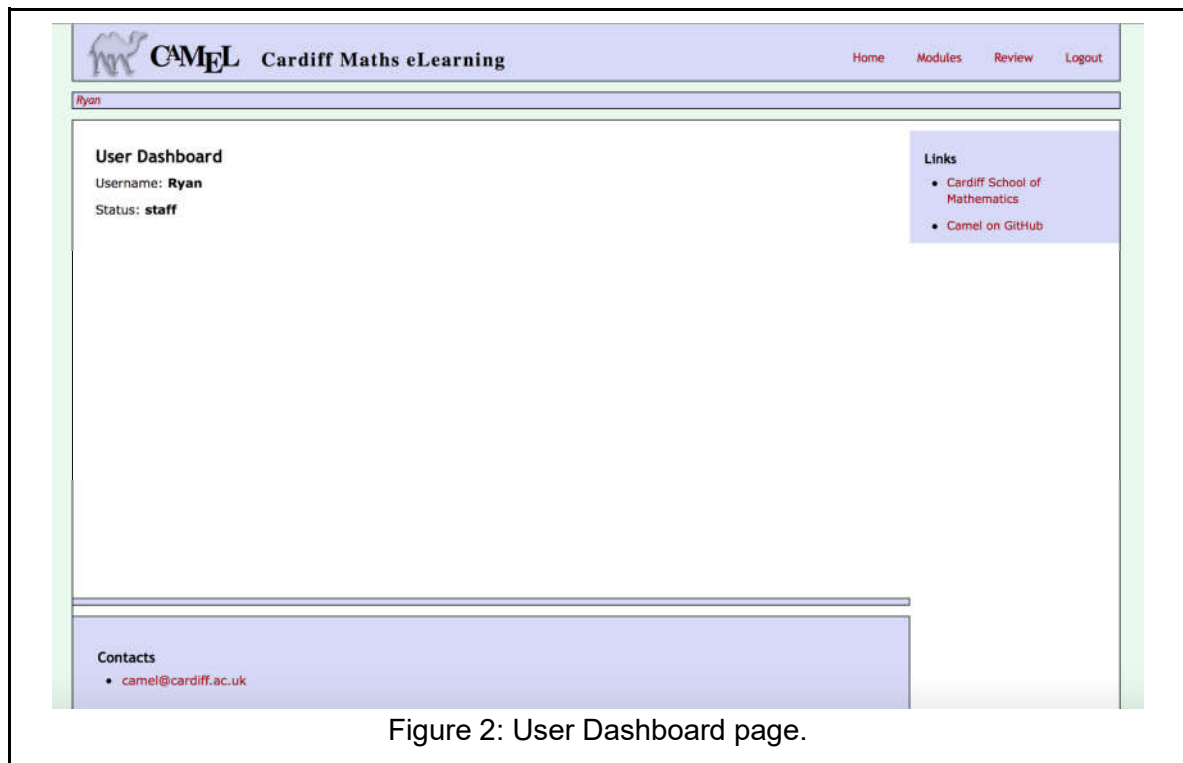


Figure 2: User Dashboard page.

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.**'

Use Case 2: Access content within relevant modules.

Preconditions: Student is already logged in.

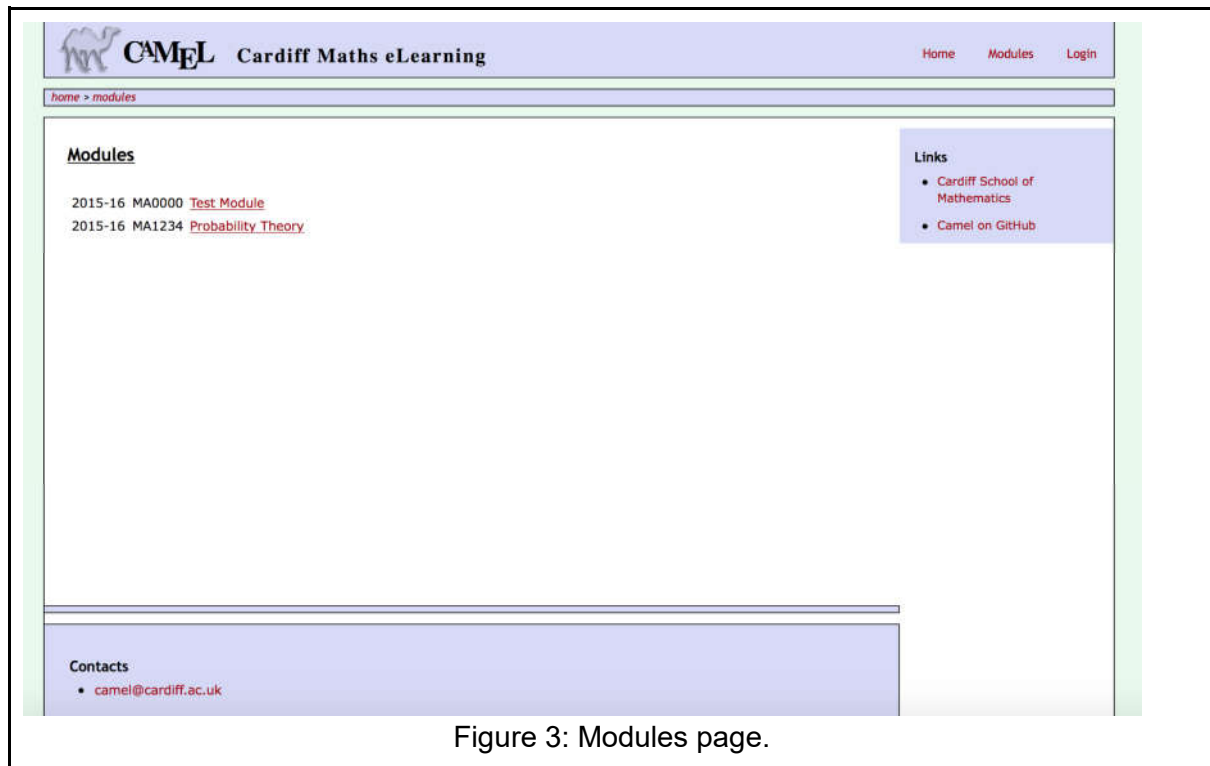


Figure 3: Modules page.

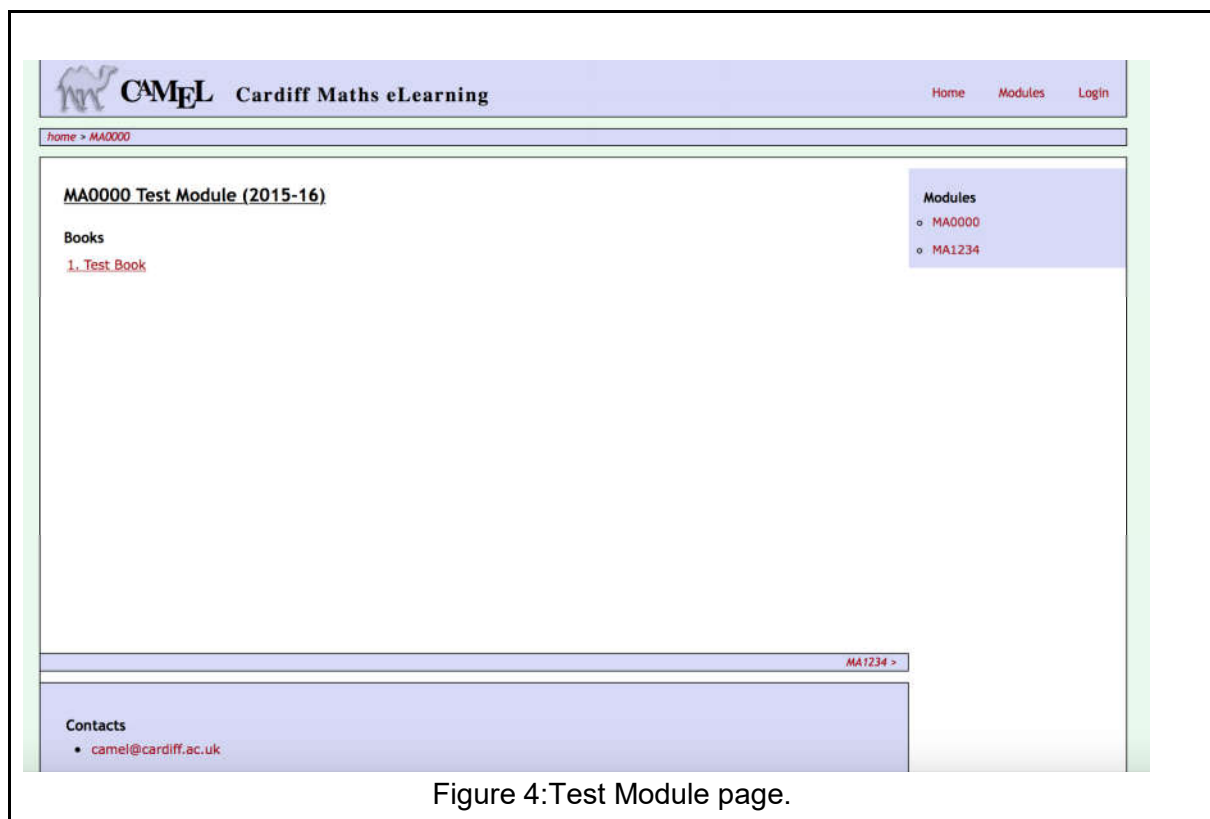


Figure 4: Test Module page.

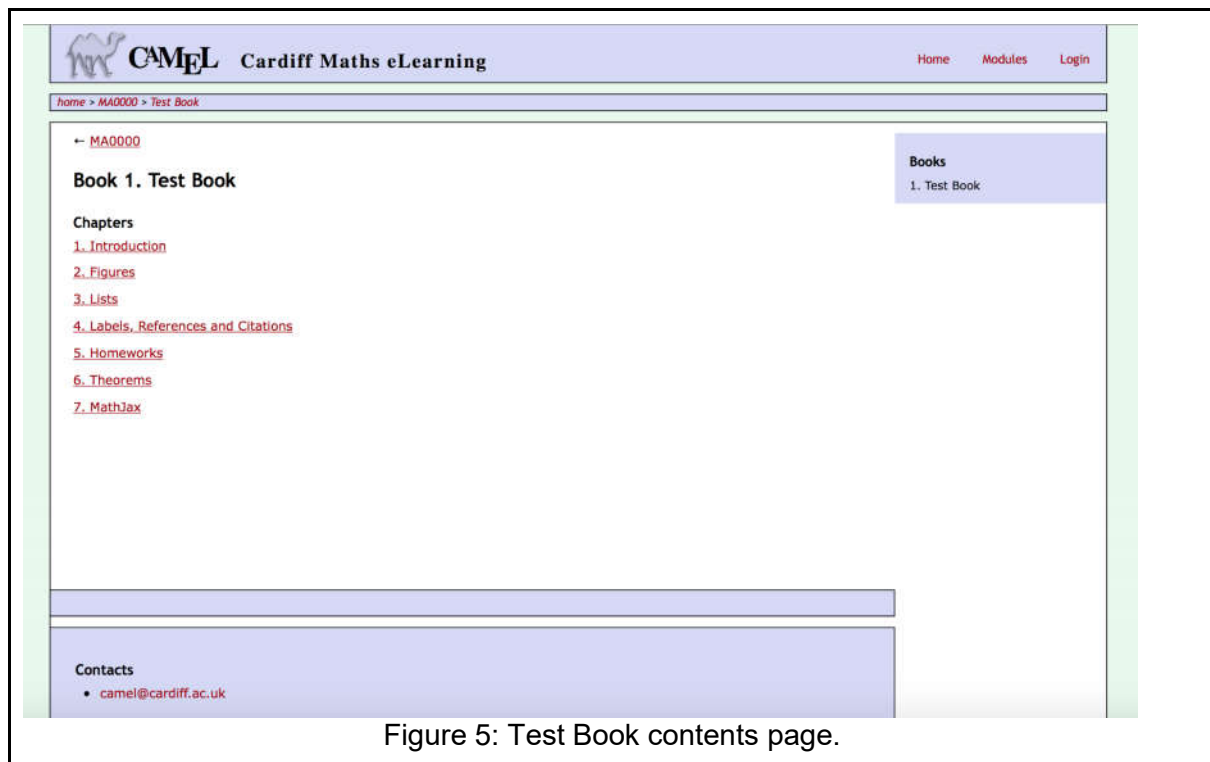


Figure 5: Test Book contents page.

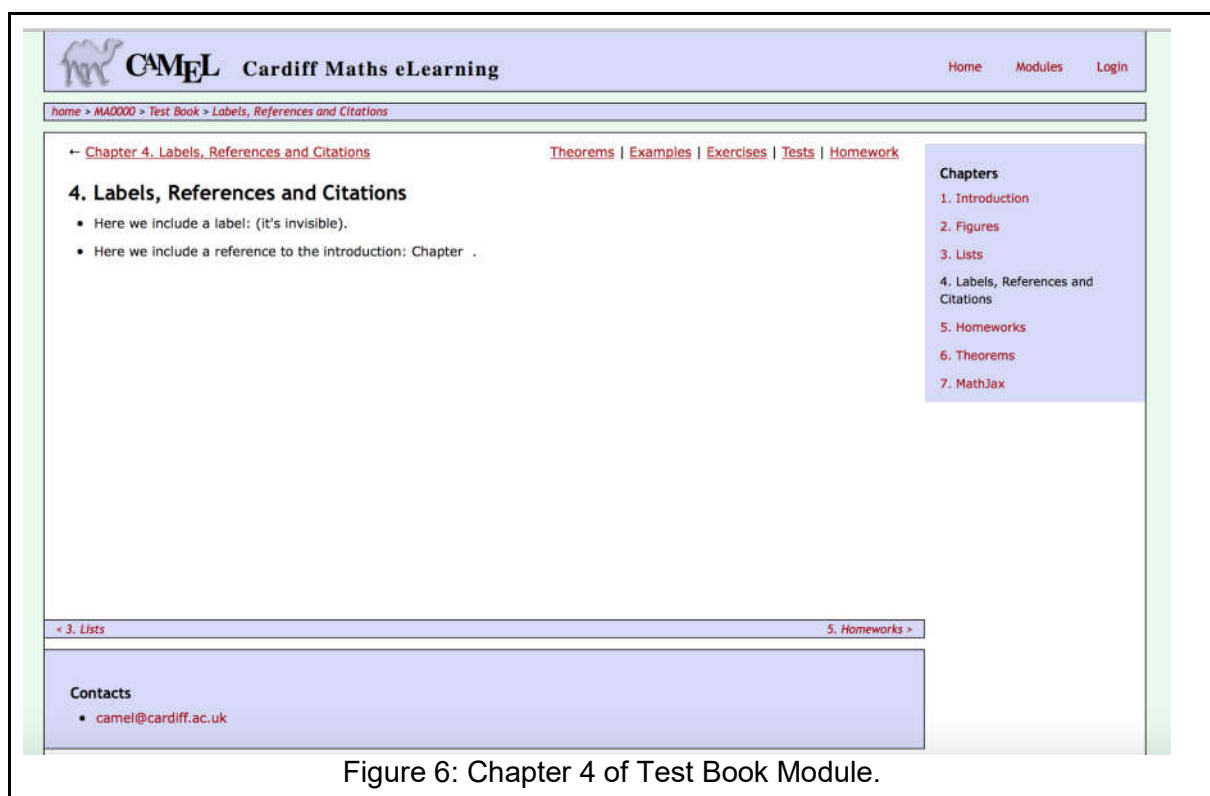


Figure 6: Chapter 4 of Test Book Module.

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.

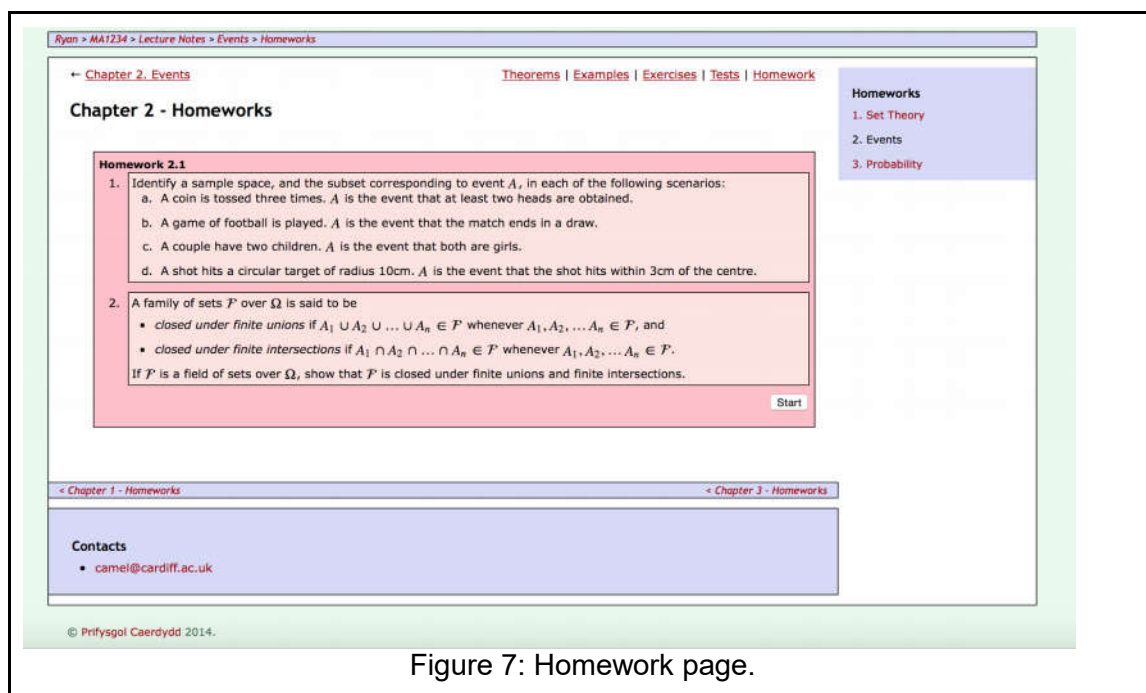
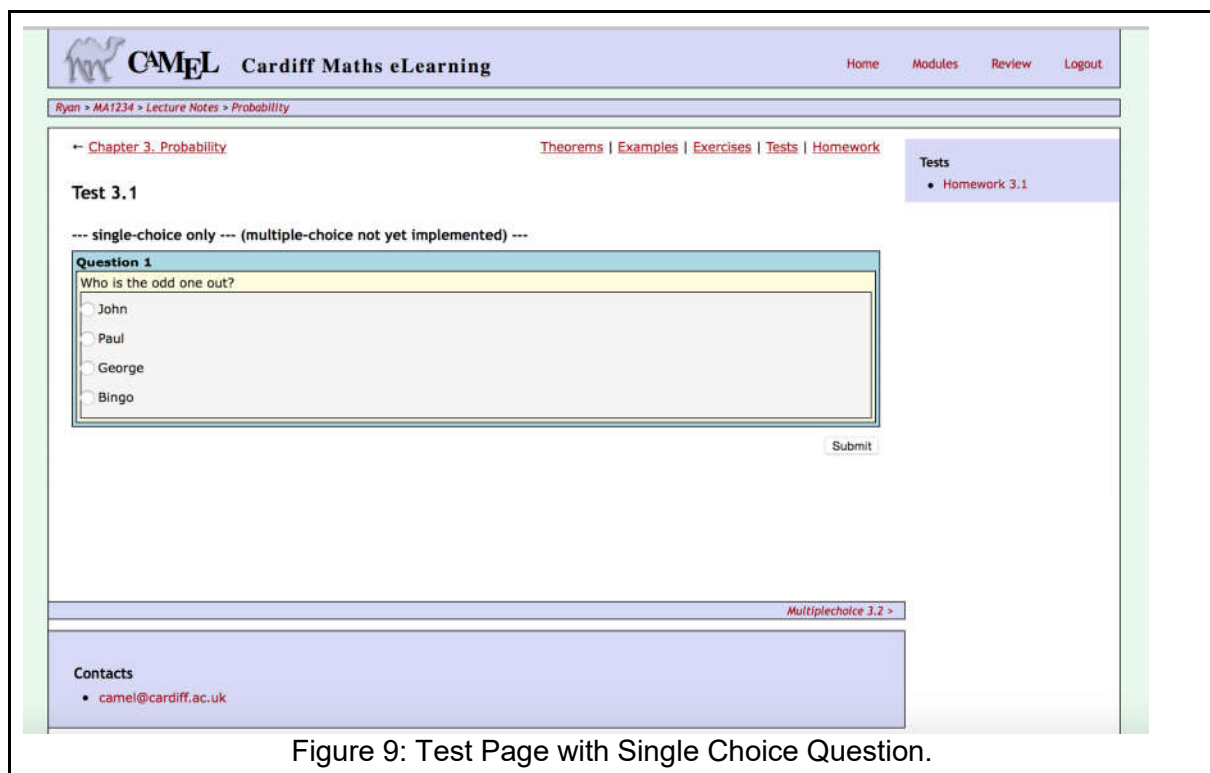
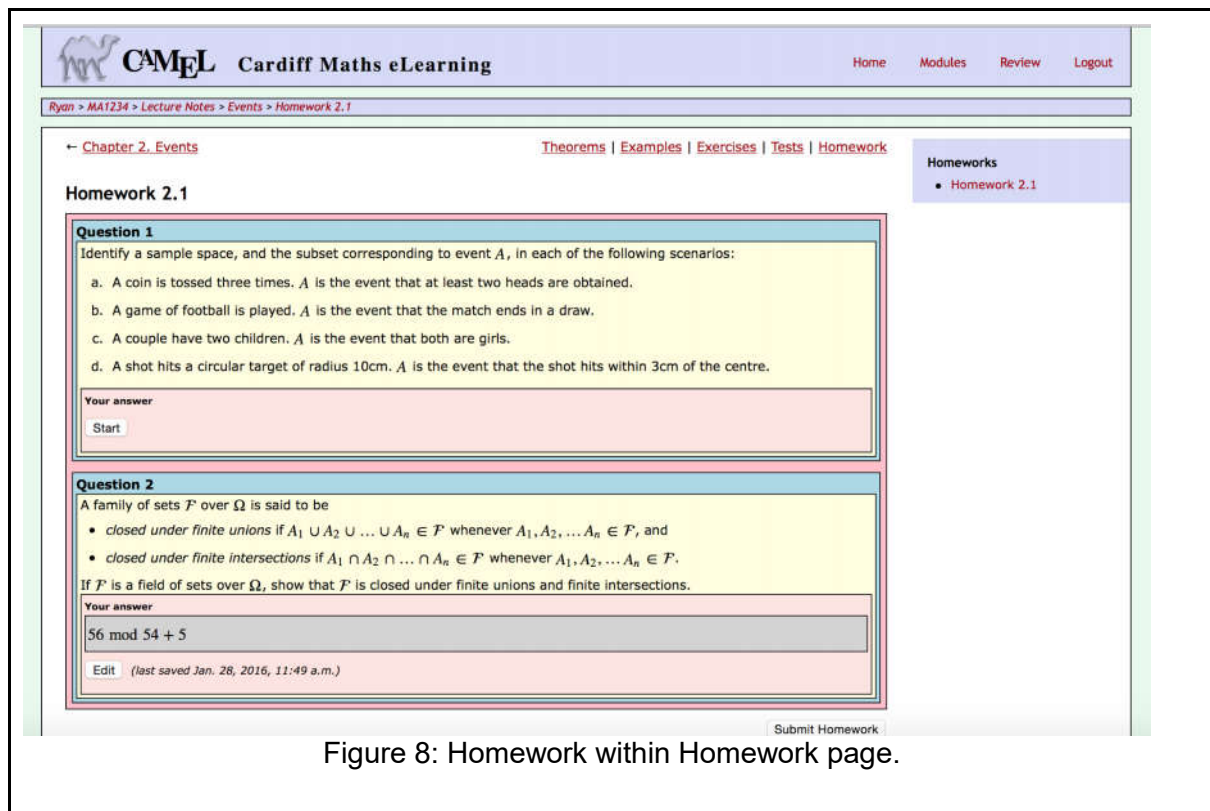


Figure 7: Homework page.



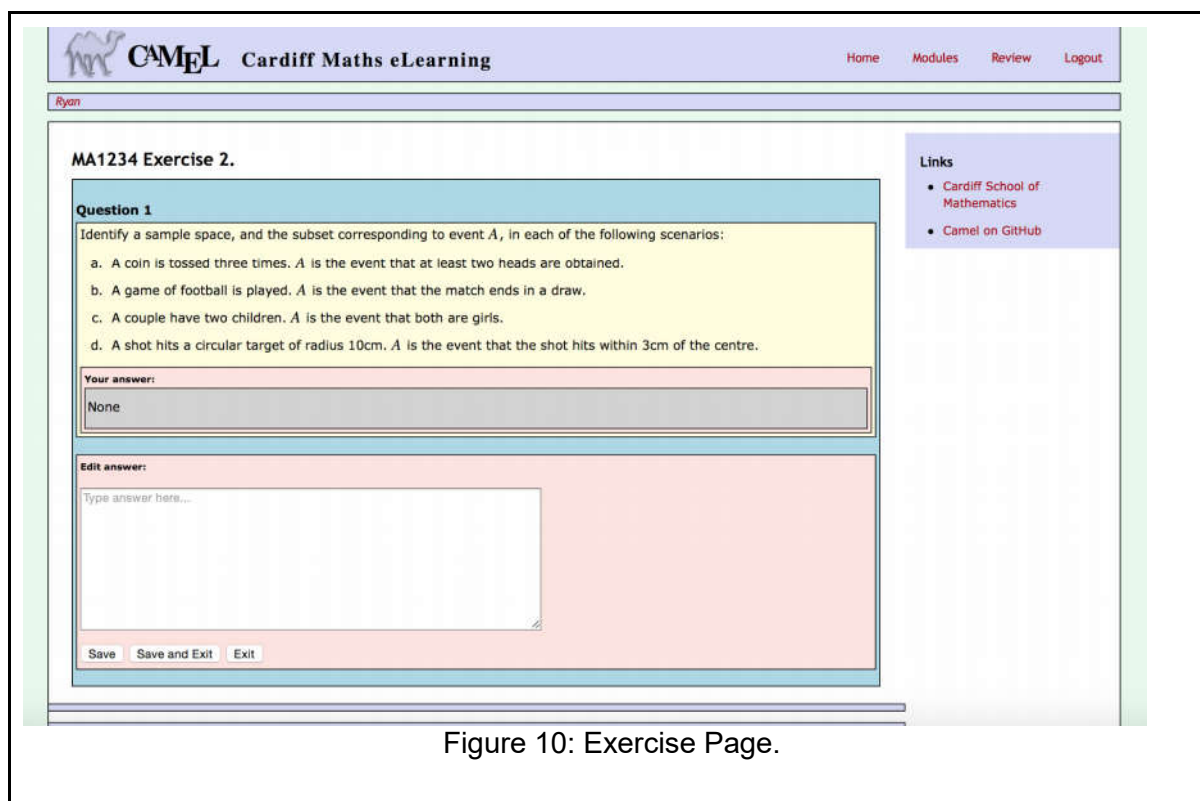


Figure 10: Exercise Page.

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.

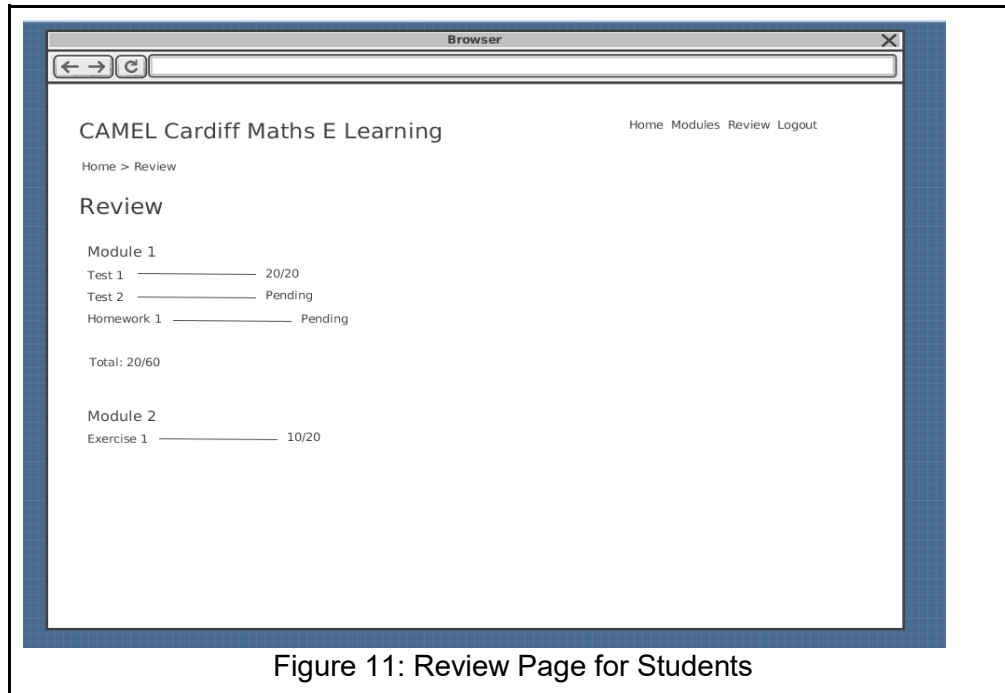
1. Click **Tests** in appropriate Module.
2. **SYSTEM** displays **Tests** page and the various Tests the student has yet to submit.
3. Click **Test 1**.
4. **SYSTEM** displays contents of Test 1.
5. Student fills in questions as appropriate.
6. Click **Submit**.
7. **SYSTEM** returns to **Tests** page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

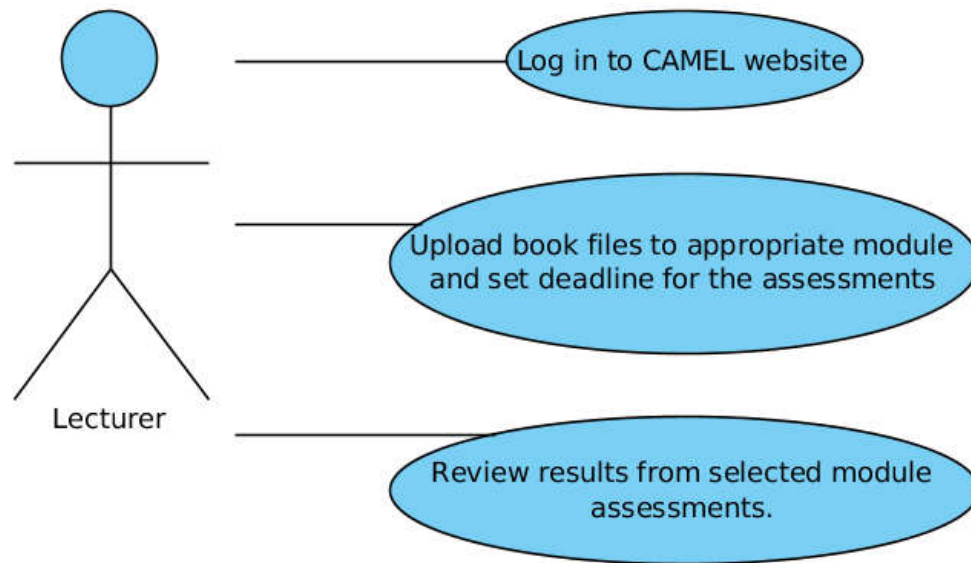


Scenario 1: Student wants to view his results for his modules.

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.

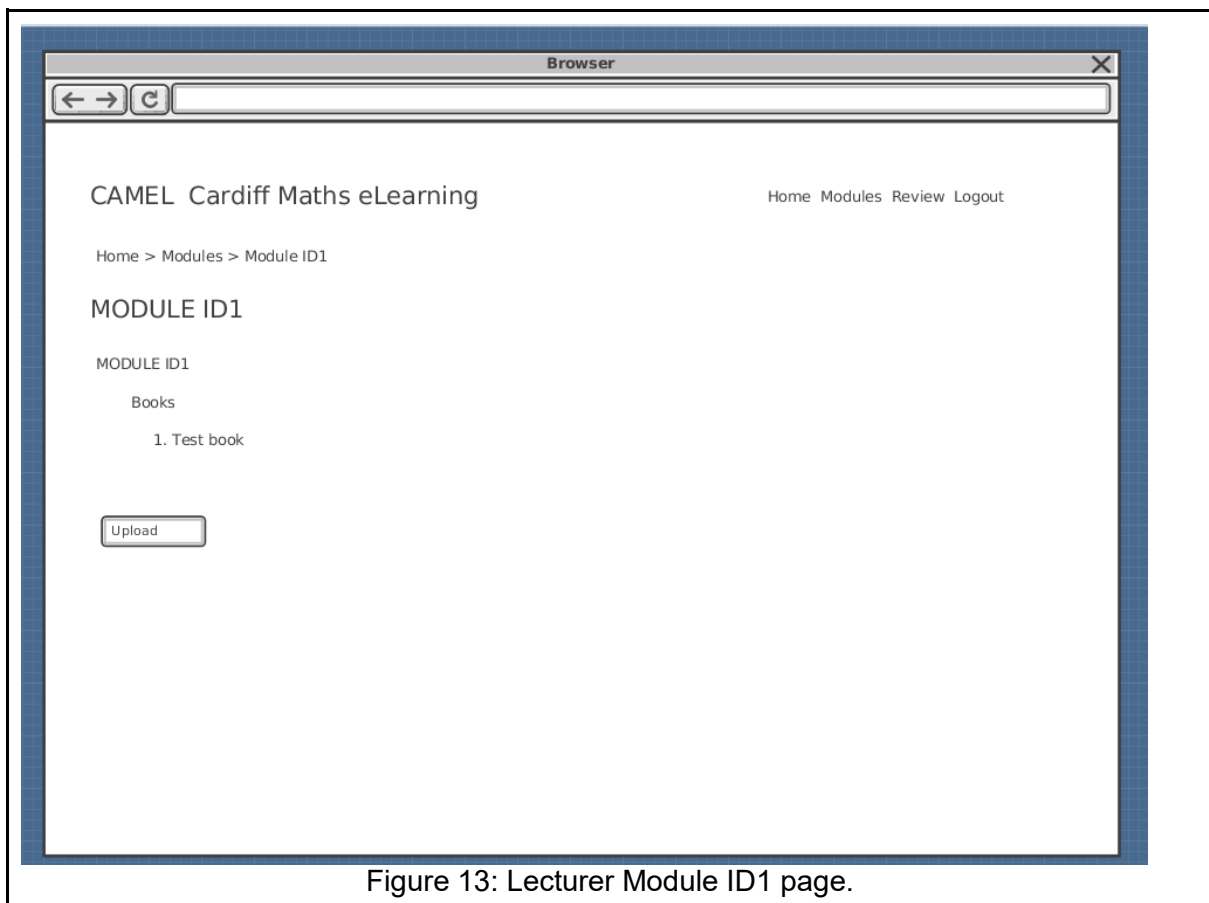
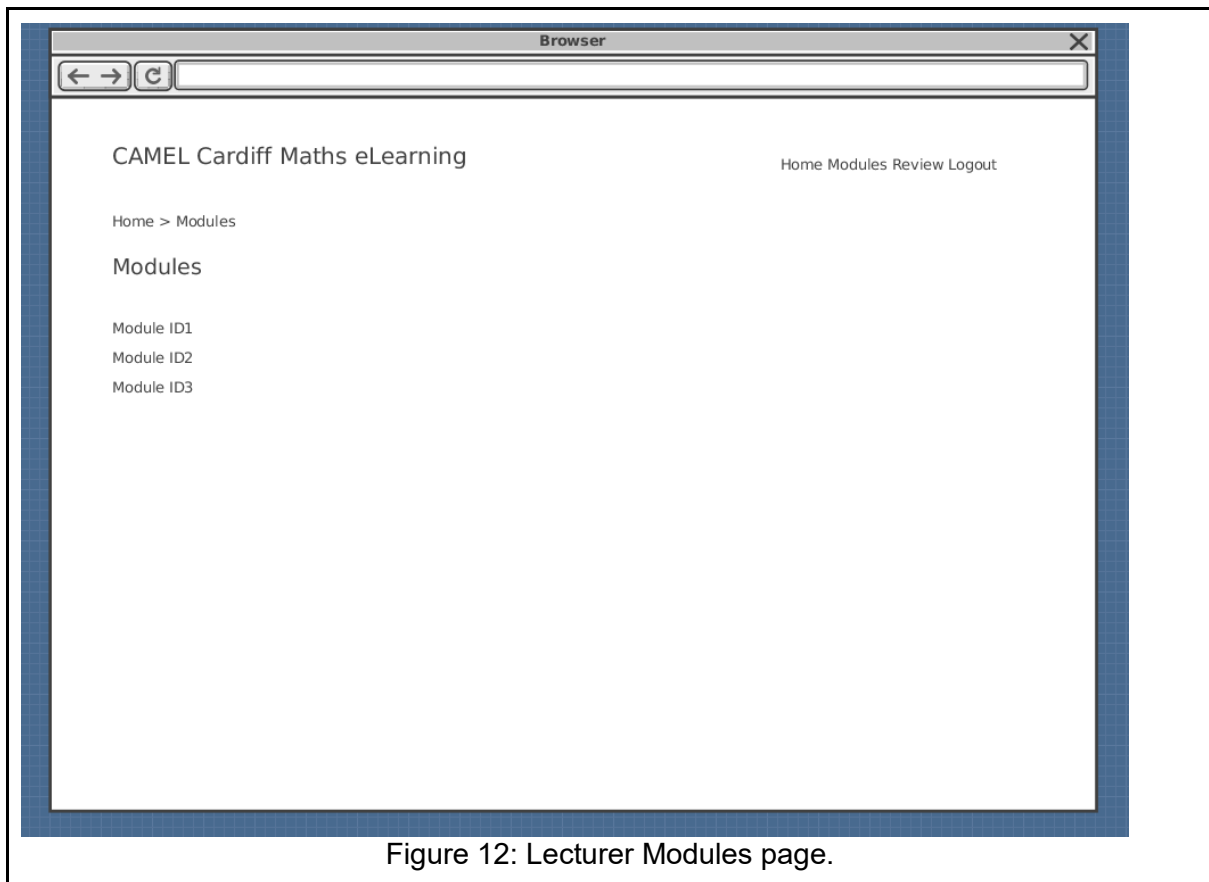
1. Click **Login** in top right hand corner.
2. **SYSTEM** displays **Log-in** page.
3. Enter username and password and click **Submit**.
4. **SYSTEM** displays the **User Dashboard** if login is successful. **User Dashboard** displays the appropriate username and Status as **'Staff'**.

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.



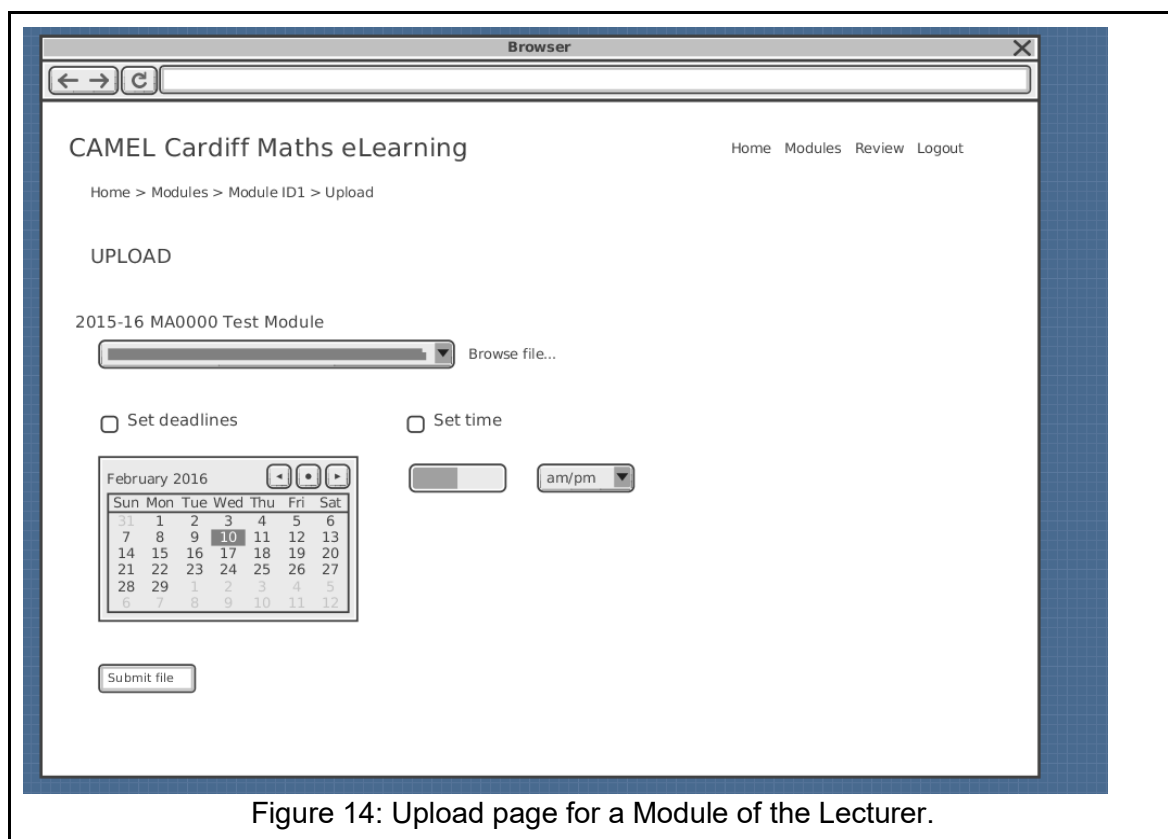


Figure 14: Upload page for a Module of the Lecturer.

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 black 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 black 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.

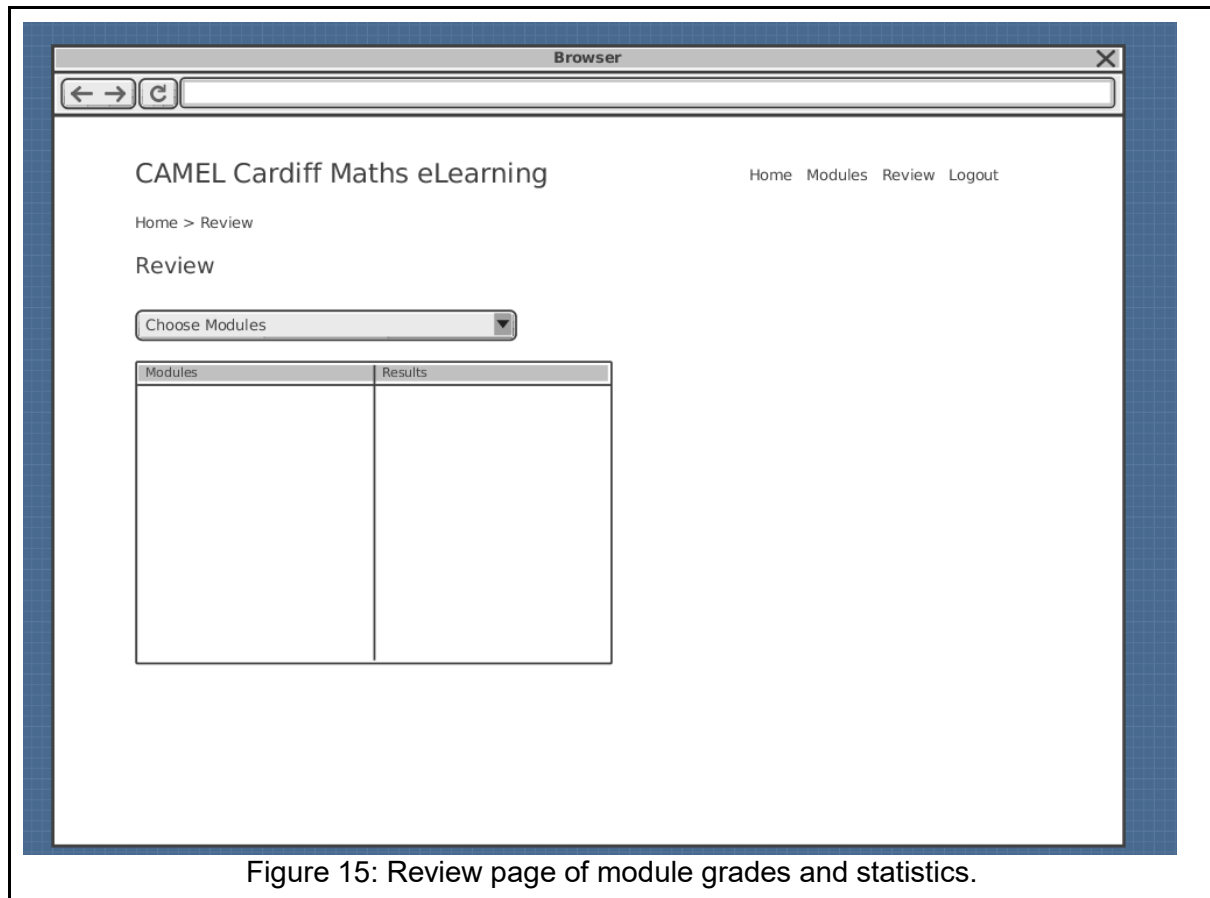


Figure 15: Review page of module grades and statistics.

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.