



The  
University  
Of  
Sheffield.

## < Assessment Data Collection and Visualization >

### User Manual

---

Version 1.0

05/07/2019

# Table of Contents

<b>1. Introduction</b>	<b>3</b>
<b>2. Overview</b>	<b>3</b>
2.1 Cautions & Warnings	7
<b>3. Getting Started</b>	<b>8</b>
3.1 Set-up Considerations	8
3.2 User Access Considerations	8
3.3 Accessing the System	8
3.4 System Organization & Navigation	9
<b>4. Using the System</b>	<b>10</b>
4.1 User Login	10
4.2 Module List Presentation	10
4.3 Heat Map	11
4.4 Module Assessment Submission and Modification	11
4.5 Module Assessment Information Booklet	12
4.6 Module Assessment Vertical Timeline	13

# 1. Introduction

---

This User Manual (UM) provides the information necessary for academics and teaching administrators to effectively use the Module Assessment Data Collection and Visualisation system.

## 2. Overview

---

- Key Features

For academics:

- Log onto the Module Assessment Data Collection and Visualisation System.
- Choose teaching modules which need an assessment plan
- Add assessments, submit the assessment name, format, start time, end time, marks.
- Update the assessment information.

For LTM(Learning and Teaching Manager):


- View a heat map of all the assessments all the teaching year round, from January 2018 to December 2019.
- Set the number of assessments(from 0 to 10) to see the distribution of corresponding assessments.
- View a vertical timeline of all assessments.
- View the list of all modules
- View the booklet of every module.

- Architecture

This system is a browser/server model web-application, it uses the basic structure made up by front-end (client-side), database and back-end (server).customers will use the system through web browsers.

- User Access Mode

- Login page

The University Of Sheffield.


# Module Assessment Collection

[Login](#)[link](#)

Sheffield

league of coder


- List of modules

The University Of Sheffield.

## MY MODULE

COM6015 Semester 2 only COM3501 Semester 2 only COM4501 / 6501 Semester 2 only 

- Module Assessment Information Booklet




## Methods of assessment

Module:COM6015(Semester 2 only)

Lecturer: Achim D. Brucker

ID	Name	Type	Percentage	Start date	End date
181	MOLE Quiz 3	MOLE quiz	10	29/04/2018	03/05/2018
182	Exam	Formal exam	70		01/06/2018
179	MOLE Quiz 1	MOLE quiz	10	04/03/2018	09/03/2018
180	MOLE Quizz 2	MOLE quiz	10	18/03/2018	23/03/2018

- Module Assessment Submission Form



## Module Assessment Collection

Welcome, Achim D. Brucker

[view booklet](#)

[view timeline](#)

Module Assessment Information

Add

Update

Assignment Name

Assessment Format

Start Time

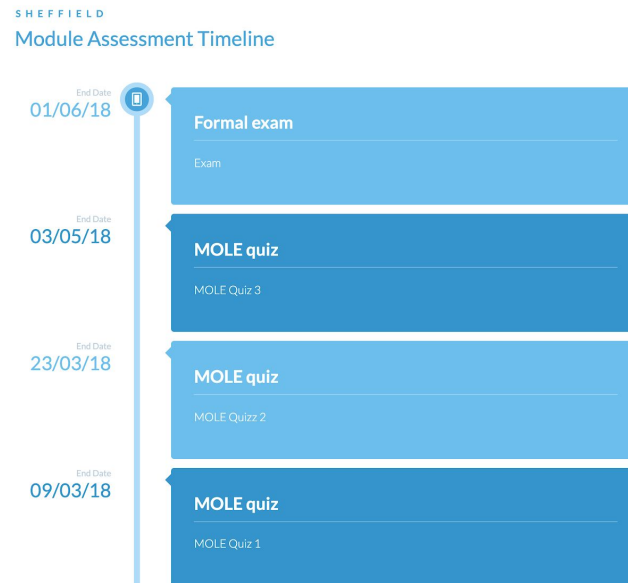
End Time

50

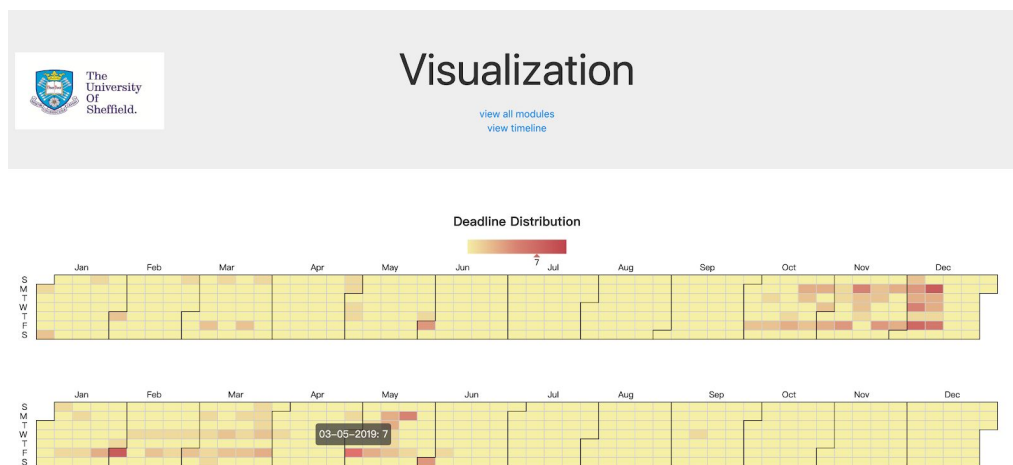
Save

league of code

- Module Assessment Vertical Timeline



- Module Assessment Heat Map



- System environment

User can use our system by visiting the website by a mainstream browser such as Chrome, Firefox, Safari.

## 2.1 Cautions & Warnings

1. The Module Assessment Data Collection and Visualisation system is designed for the usage of University Staff, and any commercial purpose is prohibited.
2. Please avoid using old version of the Internet Explorer to visit the website in case of parts of page styles failure.
3. Keep the username and password safe, otherwise the data security will not be guaranteed and it is hard to recover.
4. Please use this system with a good Internet connection to avoid data transmission failure.
5. Please contact the developer and owner of this web application to obtain the copy permissions.

## 3. Getting Started

---

### 3.1 Set-up Guide

The WEB application runs on Tomcat server (Version 9.0.16). Use IntelliJ IDEA to run the project (JDK 9~12). However, this application does not include a remote server, to access the database, user (the administrator) need to setup a local database which is instructed in Set-up\_Guide.pdf file in the documentation folder.

### 3.2 User Access Considerations

Instructions: Describe the different users and/or user groups and the restrictions placed on system accessibility or use for each.

There are three main roles in the system: Academic, LTM, Year Tutor. They have different authorities to access the system.

For academics, they can see the list of module they take responsibility for. Moreover, they can submit the module assessment information or update and delete the assessment information according to the assessment ID.

For LTM, they are the supervisors of assessments plan, they only can view information, instead of editing. They can see the heat map of all assessments of all modules, a booklet and a timeline of assessment information of a chosen module.

For Year Tutor, they have the highest authorities. They can not only view all visualization of assessments like LTM, but also can edit them. If they think there are too many assessments at a certain day, they are allowed to move some assessments to spare time. Besides, they are also able to act as academics. They can add, update and delete assessments for their own modules.

### 3.3 Accessing the System

The Academic, LTM, Year Tutor have their separate account to access the system because they have different authorities. The user ID is given and can not be registered.

### 3.4 System Organization & Navigation

The Module Assessment Data Collection and Visualisation system has five main web pages: the login page, the module list presentation page, the module assessment information booklet page, the assessment heat map page, the module assessment timeline page.

When the users visit the website, they can see the login page and input the corresponding username and password and log onto the system.

- Module Assessment Data Submission and Modification

After logging in, the academics can see a list of modules, and when they choose a module and click on the enter button, they can see the module assessment submission and modification page. They can fill in the assessment information form and click on the submit button. When the username is not consistent with the password or the total marks are large than 100, it will pop up the error notification message. Otherwise, the assessment will be submitted successfully.



Besides, the academic and Year Tutor can update or delete the assessment information according to the assessment ID in the Module Assessment Modification form.

- Heat map

After the LTM and Year Tutor log onto the system, they can see a heat map of the information all assessments.

(Both LTM and Year Tutor can see the heat map)

- Booklet

After clicking on the link of view booklet on the module list page, LTM and Year Tutor can view the booklet of assessment information of a specific module.

- Timeline

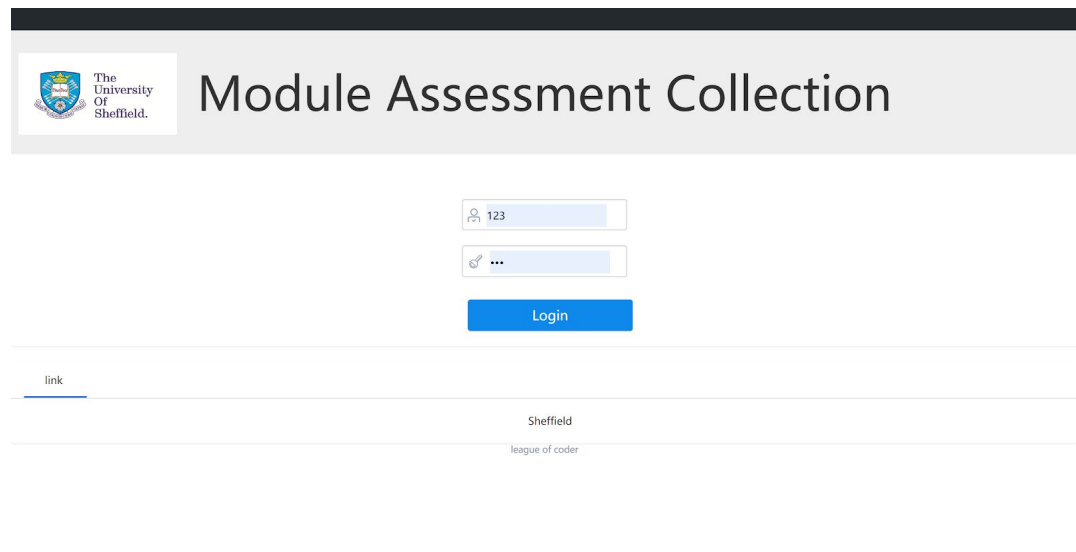
After clicking on the link of view timeline on the module list page, LTM and Year Tutor can view the booklet of assessment information of a specific module.

## 4. Using the System

The following sub-sections provide detailed, step-by-step instructions on how to use the various functions or features of the module assessment data collection and visualisation system.

### 4.1 User login

For both academics and teaching administrators: input the correct username and password, click on the login button to log onto the system.




The screenshot shows the login interface for the 'Module Assessment Collection' system. At the top left is the University of Sheffield logo. The title 'Module Assessment Collection' is prominently displayed in the center. Below the title, there are two input fields: the first for a username (containing '123') and the second for a password (containing three dots). A blue 'Login' button is positioned below these fields. At the bottom of the page, there is a footer section with a 'link' on the left, 'Sheffield' in the center, and 'league of coder' on the right.

### 4.2 Module List Presentation

- List of modules

For academics: After logging onto the system, the list of all modules is displayed.

Click on the enter button and it will jump to the module assessment submission and modification page.



## MY MODULE

COM6015 Semester 2 only

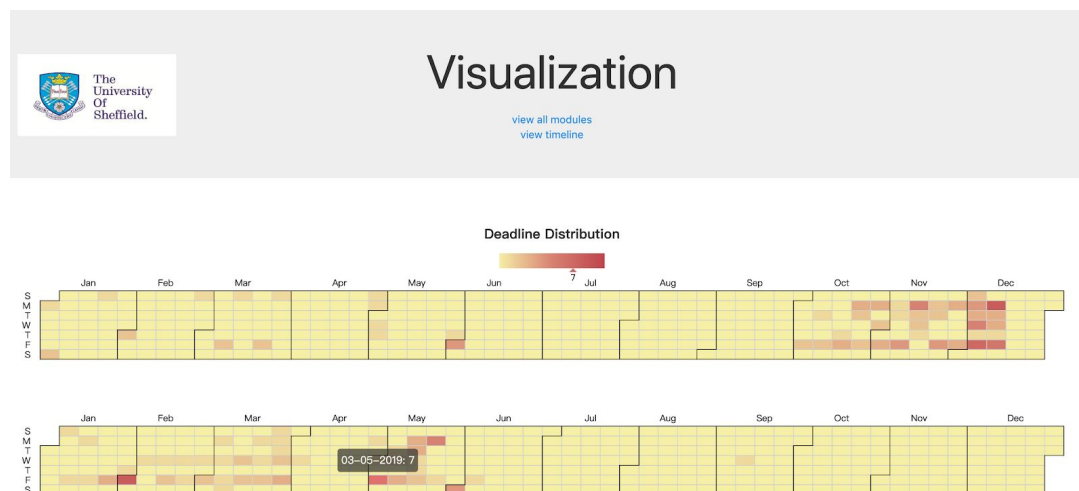
COM3501 Semester 2 only

COM4501 / 6501 Semester 2 only

### 4.3 Heat map

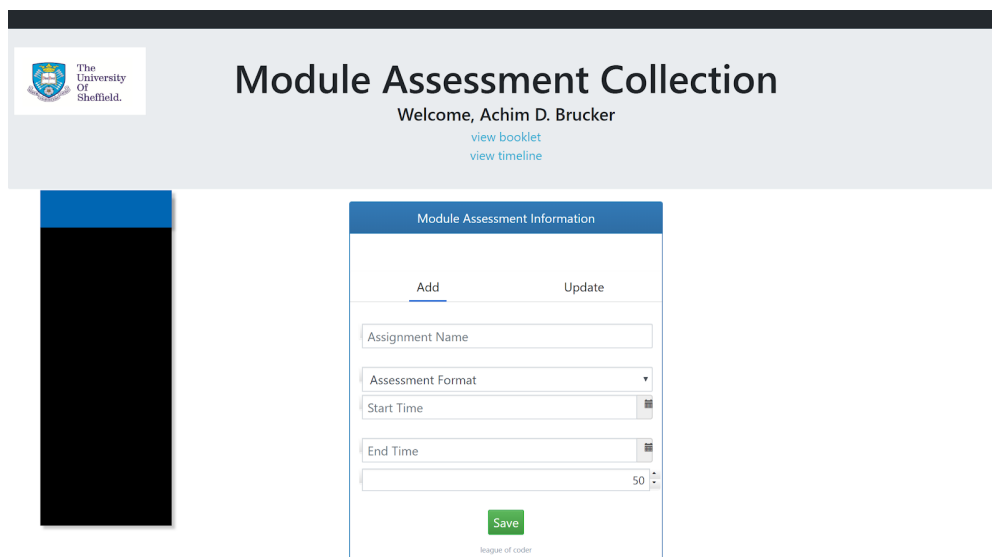
For LTM: When the LTM log onto the system, they can view a heat map of all assessments of all module.

Click on the blue link of view all modules, LTM can see the list of all modules. Then, LTM can view the booklet and timeline of the chosen module.



### 4.4 Module Assessment Submission and Modification

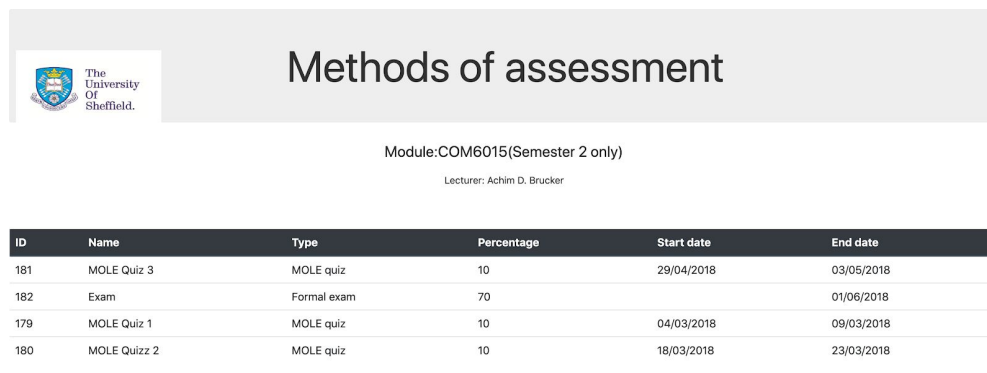
For academic: Fill in the Module Assessment Submission form and click the submit button, if the total mark of assessment of this module is beyond 100, the error notification alert will pop up, otherwise the assessment information will be submitted successfully.



## 4.5 Module Assessment Information Booklet

For academics: After clicking on the blue link of view booklet, a booklet which shows the assessment information of a specific module will be displayed.

For LTM: After logging onto the system, a list of all the module will be presented. The LTM can choose a specific module and click on the enter button to see the corresponding booklet.



ID	Name	Type	Percentage	Start date	End date
181	MOLE Quiz 3	MOLE quiz	10	29/04/2018	03/05/2018
182	Exam	Formal exam	70		01/06/2018
179	MOLE Quiz 1	MOLE quiz	10	04/03/2018	09/03/2018
180	MOLE Quizz 2	MOLE quiz	10	18/03/2018	23/03/2018

## 4.6 Module Assessment Vertical Timeline

For LTM: Click on the blue link of the viewing timeline, a vertical timeline which shows the time order of all assessments of a specific module will be displayed.

