

# Online Test System

User Manual

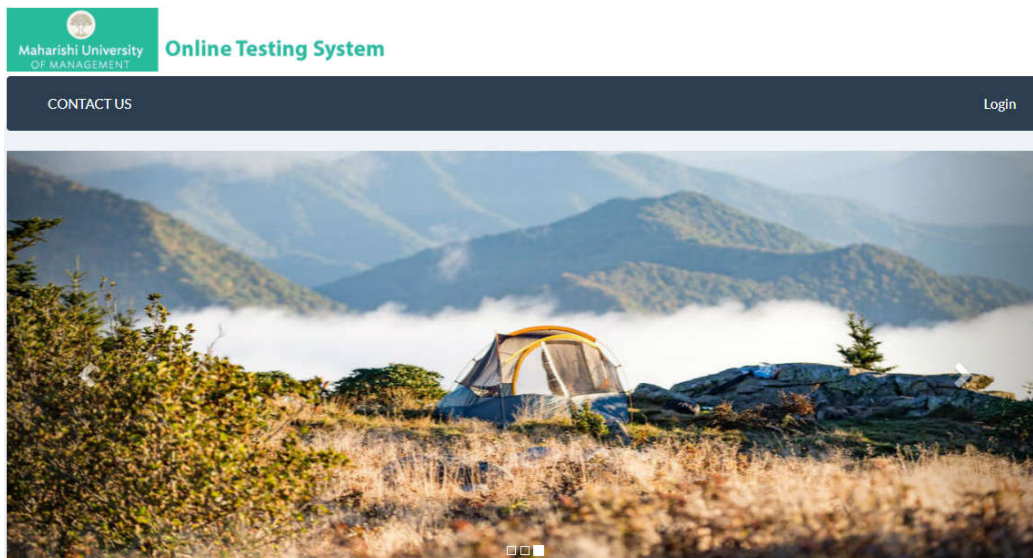
Group 5

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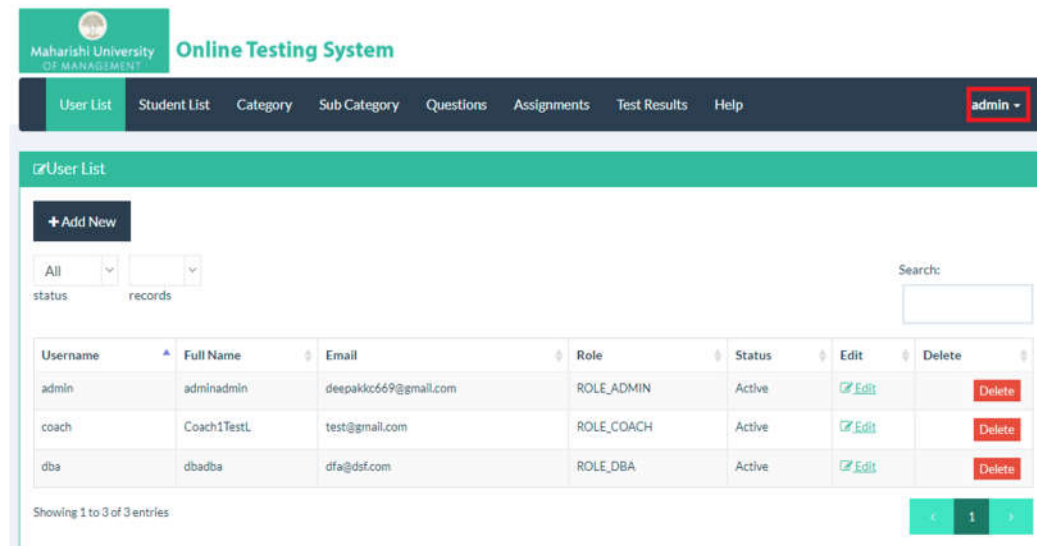
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# 1. Introduction



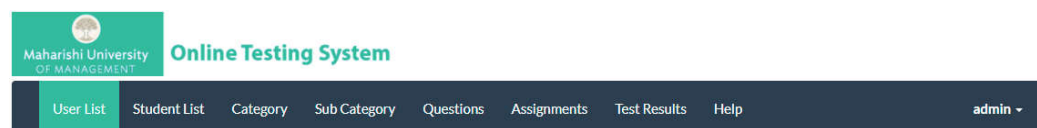
This document is the user manual of the **MUM Online Test System**. MUM Online Test System is used for job-seeking students to help review the interview questions (Java, JavaScript). There are 4 types of roles in the system, .Admin, DBA, Coach and Student. You could find who you are in the right corner of the window.



Admin, DBA and Coach are the administrators of the system, which are usually handled by university staff. Student means the MUM students who are doing job seeking, which will take part in the test once they receive the test link from email triggered by university staff from whom that holds the Coach Account.

## 2. Admin Manual

Admin user is the super user of the system. Please check the function of the Admin User below:



### 2.1 Edit Profile

As an admin you are able to edit your own profile including change your password.

Maharishi University  
OF MANAGEMENT

Online Testing System

User List Student List Category Sub Category Questions Assignments Test Results Help

admin

Edit Profile

Logout

### Edit Profile

Enter user details below:

admin

admin

deepakkc669@gmail.com

Change User Name and Password below:

admin

.....


.....

## 2.2 Manage Users

Admin user could manage all the other 3 types of users (Coach, DBA and Student).

### 2.3.1 Check Existing Users

You could check the users that are already stored in the system. Reminder: Users here concludes all Admin, Coach and DBA users.


**Online Testing System**

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Questions](#)
[Assignments](#)
[Test Results](#)
[Help](#)
admin ▾

**User List**

[+ Add New](#)

All ▾
   
 status


▾
   
 records

Search:

Username	Full Name	Email	Role	Status	Edit	Delete
admin	adminadmin	deepakkc669@gmail.com	ROLE_ADMIN	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
coach	Coach1TestL	test@gmail.com	ROLE_COACH	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
dba	dbadba	dfa@dsf.com	ROLE_DBA	Active	<a href="#">Edit</a>	<a href="#">Delete</a>

## 2.3.2 Add One User

By clicking the Add New button, you are able to add a new user and assign him the role of Admin, Coach or DBA.


**Online Testing System**

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Add Question](#)
[Question List](#)
[Import Data](#)
[Assignments](#)
[Test Results](#)
admin ▾

**User List**

[+ Add New](#)

All ▾
   
 status

▾
   
 records

Search:

Username	Full Name	Email	Role	Status	Edit	Delete
admin	adminadmin	admin@gmail.com	ROLE_ADMIN	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
coach	coachcoach	coach@gmail.com	ROLE_COACH	Active	<a href="#">Edit</a>	<a href="#">Delete</a>

Showing 1 to 2 of 2 entries
 < 1 >

### Add New User

Enter personal details below:

Julia

Chen

a@gmail.com

Enter your account details below:

julia

...

Role

ROLE\_DBA

Status

Active

CANCEL SUBMIT

## 2.3 Manage Students

**Students** here means MUM students who are doing job seeking.

### 2.3.1 Check Existing Students

User List

Student List

Category

Sub Category

Add Question

Question List

Import Data

Assignments

Test Results

admin

Student List

+ Add New

+ Import Student

All

status

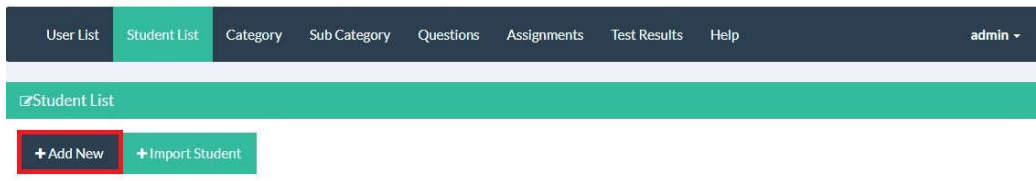
records

Search:

Student ID	Full Name	Email	Year	Job Search Status	Edit	Delete
985001	Stu01 Clark	test1@mum.edu	August 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985002	Stu02 Stark	test2@mum.edu	August 2016	Inactive	<a href="#">Edit</a>	<a href="#">Delete</a>
985003	Stu03 Oven	test3@mum.edu	August 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985004	Stu04 Olive	test4@mum.edu	August 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985015	Stu05 Washinton	test5@mum.edu	October 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985066	Stu06 Trouble	test6@mum.edu	January 2017	Active	<a href="#">Edit</a>	<a href="#">Delete</a>

## 2.3.2 Register New Student

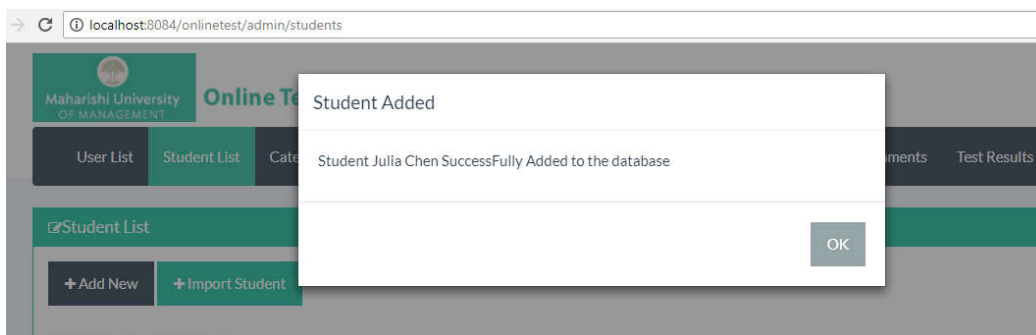
Click the **Add New** Button under **Student List** Menu



Input the student information

 A screenshot of the 'Register New Student' form. The form is titled 'Register New Student' and asks to 'Enter student information below:'. It contains several input fields: 'Name' (filled with 'Julia'), 'Surname' (filled with 'Chen'), 'Email' (filled with 'jullachenjng@gmail.com'), 'Phone Number' (filled with '985300'), 'Date of Birth' (filled with 'August 2016'), and 'Job search status' (a dropdown menu currently showing 'Active'). At the bottom right of the form, there are two buttons: 'CANCEL' and 'SUBMIT' (highlighted in green).

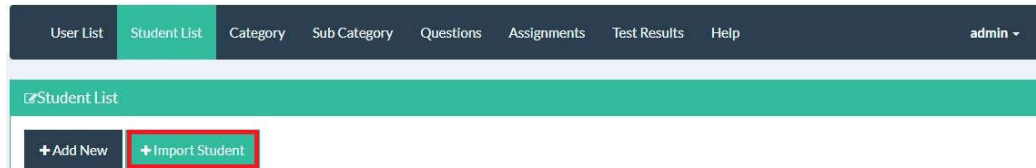
Click **Submit** Button, system will save the added Student.



## 2.3.3 Import Students by Excel File

You could import a big amount of students by using **Import Student** Button.



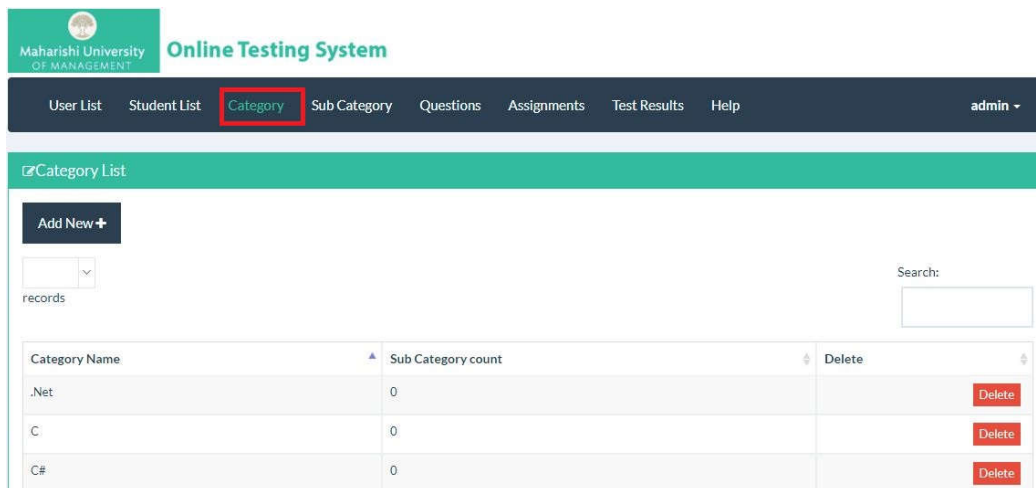


## 2.4 Manage Categories

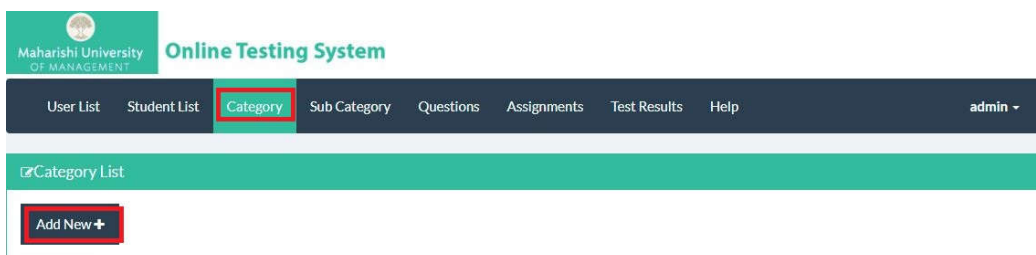
Every question belongs to a Category and a Sub Category.

### 2.3.1 Check Existing Categories

You could check the existing categories



### 2.3.2 Add Categories



Maharishi University of Management Online Testing System

User List Student List **Category** Sub Category Questions Assignments Test Results Help admin ▾

Create new Category

Enter information below:

3 results are available, use up and down arrow keys to navigate.

d

- C
- C++
- C#

SUBMIT

### 2.3.3 Check Existing Sub Categories

Each Sub Category belongs to one Category.

Sub Category List

Add New +

Search:

Sub Category	Category	Delete
Core	Java	Delete
JSP	Java	Delete
Servlet	Java	Delete
Spring	Java	Delete

Showing 1 to 4 of 4 entries

### 2.3.4 Add Sub Categories

Sub Category List

Add New +

Create new Subcategory

Enter information below:

Choose Category

Java

JDBC

SUBMIT

## 2.5 Manage Questions

### 2.5.1 Check the existing question

User List Student List Category Sub Category **Questions** Assignments Test Results Help admin

Question List

+ Add New + Import Questions

records

Search:

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Which of these is NOT a valid keyword or reserved word in Java	A. default B. null C. String D. volatile

## 2.5.2 Add a Question

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Questions](#)
[Assignments](#)
[Test Results](#)
[Help](#)

admin ▾

Question List

+ Add New

+ Import Questions

▾

records

Search:

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Which of these is NOT a valid keyword or reserved word in Java	A. default B. null C. String D. volatile

localhost:8084/online/test/dba/addquestion

### Add Question

Enter Question and its choices below:

Select Category

Sub Categories

Type the Question

Correct Answer(select Only one)

A.  Type the Choice ☐

B.  Type the Choice ☐

C.  Type the Choice ☐

## 2.3.3 Import Questions by Excel file

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Questions](#)
[Assignments](#)
[Test Results](#)
[Help](#)
admin ▾

Question List

[+ Add New](#)
[+ Import Questions](#)

records

Search:

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Which of these is NOT a valid keyword or reserved word in Java	A. default B. null C. String D. volatile

Import Data

Excel file
No file chosen

## 2.6 Check Assignments

**Online Testing System**

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Questions](#)
[Assignments](#)
[Test Results](#)
[Help](#)
admin ▾

Assignment List

Date Time : 20-10-2017 21:24:44 PM CDT

status

records

Search:

<input type="checkbox"/>	No	Coach	StudentID	Full Name	Entry	Email	Date Assigned	Date Finished	Try	Status	Report
--------------------------	----	-------	-----------	-----------	-------	-------	---------------	---------------	-----	--------	--------

## 2.7 Check Test Result

## 3. DBA Manual

### 3.1 Manage Questions

#### 3.1.1 Check the existing question

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Choose appropriate datatype for value 4.5	A. int B. double C. float D. string

### 3.1.2 Add a question

The screenshot shows the 'Add Question' form in the Online Testing System. The header includes the Maharishi University of Management logo and the text 'Online Testing System'. A navigation bar contains 'Questions' (highlighted with a red box) and 'Help'. A user profile 'dba' is visible. Below the navigation bar is a 'Question List' section with '+ Add New' (highlighted with a red box) and '+ Import Questions' buttons. The main form area is titled 'Add Question' and contains the following fields:

- 'Select Category' dropdown menu
- 'Sub Categories' dropdown menu
- 'Type the Question' text input field
- 'Correct Answer(select Only one)' label
- Three choice options (A, B, C) with 'Type the Choice' text input fields and checkboxes.

### 3.1.3 Import Questions by Excel File

The screenshot shows the 'Import Questions' button in the Online Testing System. The header includes the Maharishi University of Management logo and the text 'Online Testing System'. A navigation bar contains 'Questions' (highlighted with a red box) and 'Help'. A user profile 'dba' is visible. Below the navigation bar is a 'Question List' section with '+ Add New' and '+ Import Questions' (highlighted with a red box) buttons.

The screenshot shows the 'Online Testing System' interface for Maharishi University of Management. The top navigation bar includes 'Questions' and 'Help' links, and a user profile 'dba'. The main section is titled 'Import Data' and contains an 'Excel file' upload area with a 'Choose File' button and 'No file chosen' text. Below this is an 'Import' button.

## 4. Coach Manual

Coach is responsible for generating the test for Students. Coach could also manage Student List, Question List and check test results.

### 4.1 Manage Students

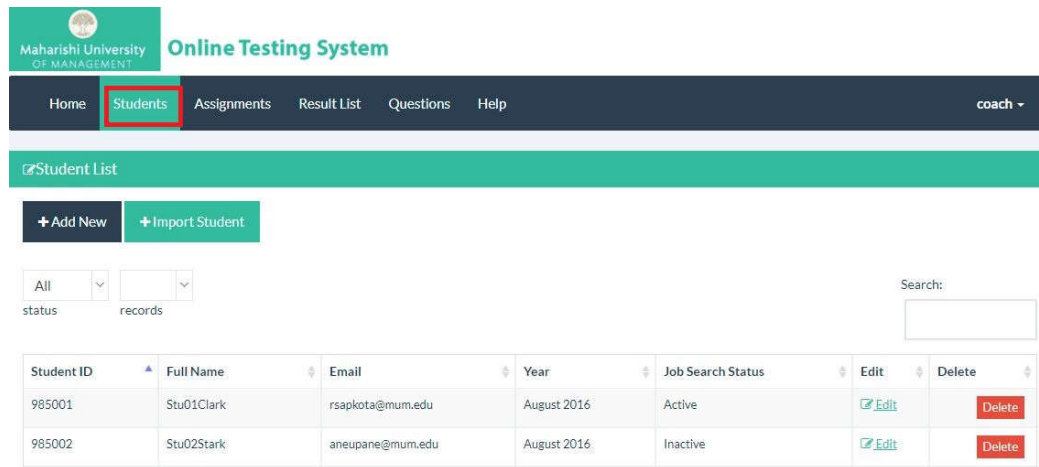
Students here mean MUM students who are doing job seeking.

The screenshot shows the 'Student List' management interface. It includes a top navigation bar with 'Home', 'Students' (active), 'Assignments', 'Result List', 'Questions', and 'Help'. Below the navigation bar are '+ Add New' and '+ Import Student' buttons. There are filters for 'status' (set to 'All') and 'records' (set to 'All'). A search bar is also present. The main table lists students with columns for Student ID, Full Name, Email, Year, Job Search Status, Edit, and Delete.

Student ID	Full Name	Email	Year	Job Search Status	Edit	Delete
985001	Stu01Clark	rsapkota@mum.edu	August 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985002	Stu02Stark	aneupane@mum.edu	August 2016	Inactive	<a href="#">Edit</a>	<a href="#">Delete</a>



### 4.1.1 Check Existing Students



**Online Testing System**

Home **Students** Assignments Result List Questions Help coach ▾

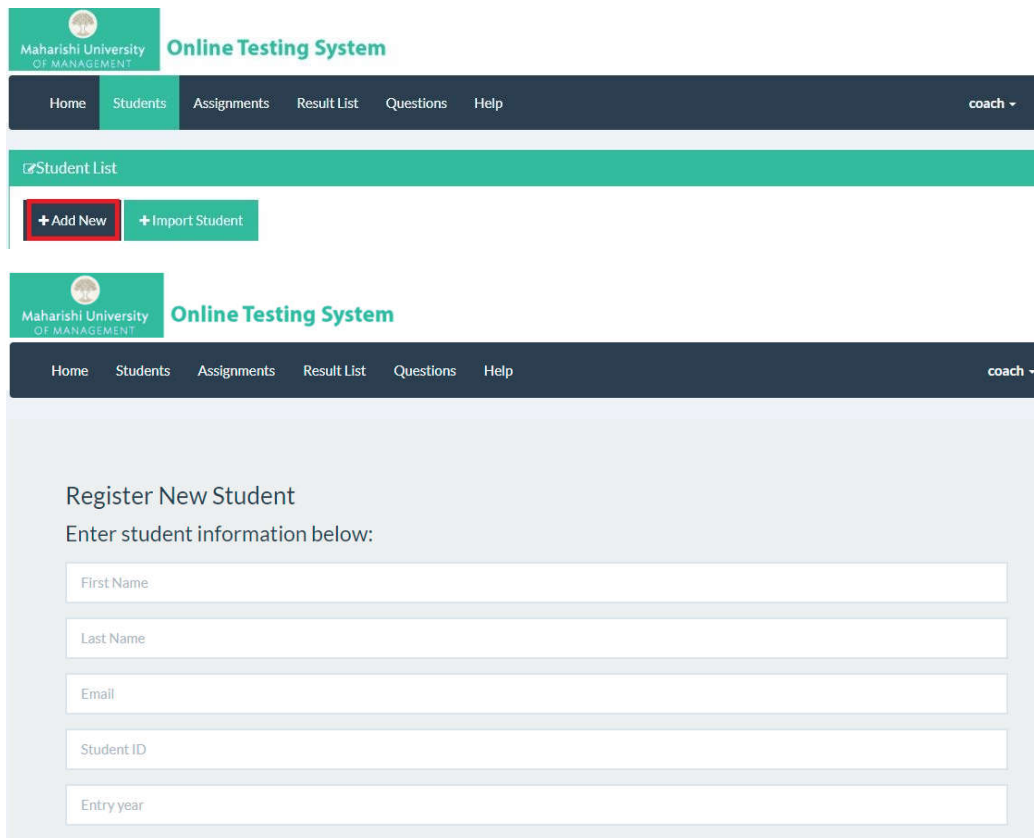
Student List

+ Add New + Import Student

All ▾ records ▾ Search:

Student ID	Full Name	Email	Year	Job Search Status	Edit	Delete
985001	Stu01Clark	rsapkota@mum.edu	August 2016	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
985002	Stu02Stark	aneupane@mum.edu	August 2016	Inactive	<a href="#">Edit</a>	<a href="#">Delete</a>

### 4.1.2 Register New Student



**Online Testing System**

Home **Students** Assignments Result List Questions Help coach ▾

Student List

+ Add New + Import Student

---

**Online Testing System**

Home Students Assignments Result List Questions Help coach ▾

Register New Student

Enter student information below:

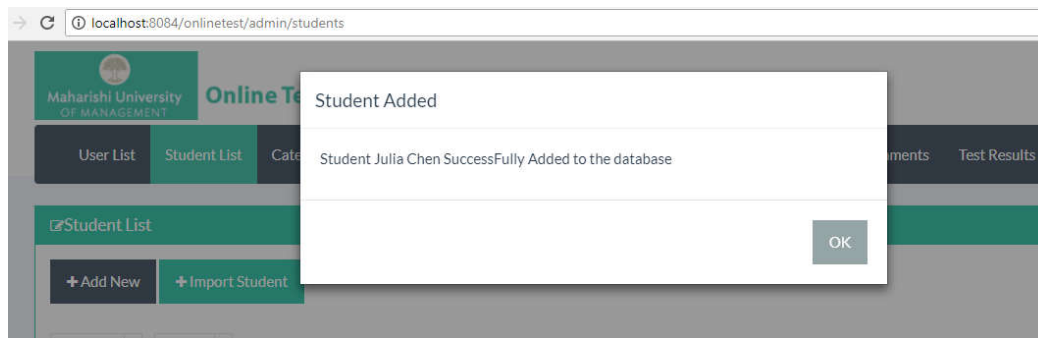
First Name

Last Name

Email

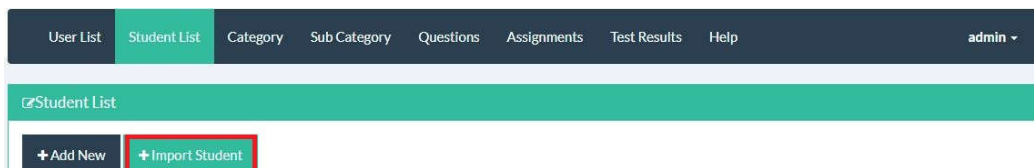
Student ID

Entry year



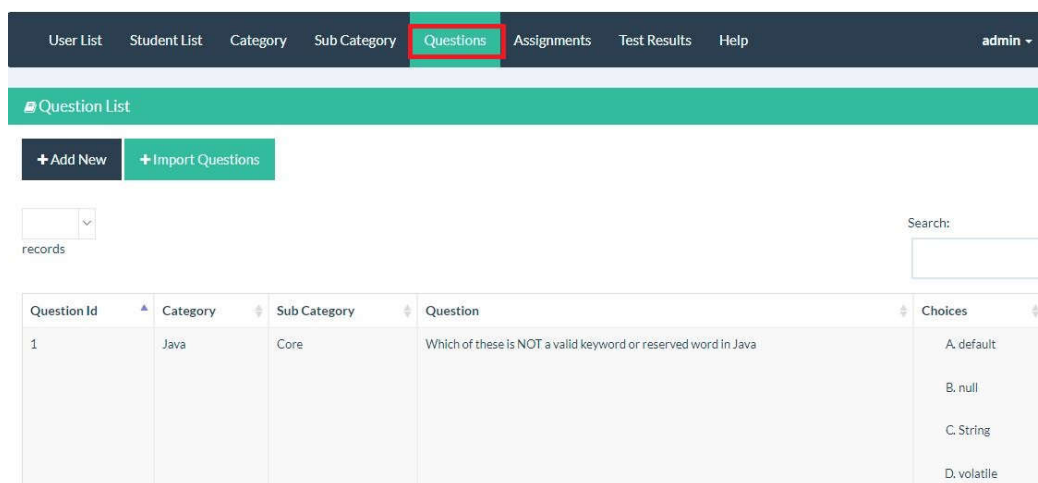
### 4.1.3 Import Students by Excel File

You could import a big amount of students by using **Import Student** Button.



## 4.2 Manage Questions

### 4.2.1 Check the existing question



## 4.2.2 Add a Question

[User List](#)
[Student List](#)
[Category](#)
[Sub Category](#)
[Questions](#)
[Assignments](#)
[Test Results](#)
[Help](#)

admin

Question List

+ Add New

+ Import Questions

▼

records

Search:

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Which of these is NOT a valid keyword or reserved word in Java	A. default B. null C. String D. volatile

localhost:8084/online/test/dba/addquestion

Add Question

Enter Question and its choices below:

Select Category

Sub Categories

Type the Question

Correct Answer(select Only one)

A. 

Type the Choice

☐

B. 

Type the Choice

☐

C. 

Type the Choice

☐

## 4.2.3 Import Questions by Excel file

The screenshot shows the 'Questions' section of the Online Testing System. The 'Import Questions' button is highlighted with a red box. Below it is the 'Import Data' section, which includes a file upload area with a 'Choose File' button and a 'No file chosen' message. An 'Import' button is also visible.

Question Id	Category	Sub Category	Question	Choices
1	Java	Core	Which of these is NOT a valid keyword or reserved word in Java	A. default B. null C. String D. volatile

## 4.3 Generate Assignment to Student

Coach could choose a student and generate an assignment (a quiz test) to a certain student. The test link could be set to a certain time to send.

The screenshot shows the 'Student List' section of the Online Testing System. The 'Generate Test' button is highlighted with a red box. The table below lists students and their details.

Student ID	Full Name	Email	Job Search Status	Generate Test	Test History
980000	Julia Chen	juliachenjing@gmail.com	Active	<a href="#">Generate Test</a>	<a href="#">Test History</a>

[Home](#) [Students](#) [Assignments](#) [Result List](#) [Questions](#) [Help](#) [coach](#)

**Student Assignment Details**

Student: 980000

Student Name: Julia Chen

Student Email: juliachenjing@gmail.com

Access Link:

Access Code:

Date & Time:

Then the email will be sent to the certain student at the chosen time.

**Maharishi University of Management Online Testing System**

[Home](#) [Students](#) [Assignments](#) [coach](#)

**Student Assignment Details**

Student: 980000

Student Name: Julia Chen

Student Email: juliachenjing@gmail.com

Access Link:

Access Code:

Date & Time:

Success!

Test is generated and data will be send to the student as scheduled!

## 4.4 Check Test Result

### 4.3.1 Check one Student's Test Result

localhost:8084/onetest/coach/home

Maharishi University of Management Online Testing System

Home Students Assignments Result List Questions Help coach ▾

Student List

5 records

Search:

Student ID	Full Name	Email	Job Search Status	Generate Test	Test History
980000	Julia Chen	juliachenjing@gmail.com	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>
985001	Stu01 Clark	test1@mum.edu	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>
985003	Stu03 Oven	test3@mum.edu	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>
985004	Stu04 Olive	test4@mum.edu	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>
985015	Stu05 Washinton	test5@mum.edu	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>
985066	Stu06 Trouble	test6@mum.edu	<a href="#">Active</a>	<a href="#">Generate Test</a>	<a href="#">Test History</a>

Showing 1 to 6 of 6 entries

< 1 >

### 4.3.2 Check All the Test Result

localhost:8084/onetest/coach/studentAssignmentHistory/10

Maharishi University of Management Online Testing System

Home Students Assignments **Result List** Questions Help coach ▾

Category List

Student ID: 980000  
Student Name: Julia Chen  
Entry: October 2017

5 records

Search:

Assignment ID	Coach Name	Access Code	Start Time	End Time	Finished
1	Coach1 TestL	YYCEkFCD4p			false

Showing 1 to 1 of 1 entries

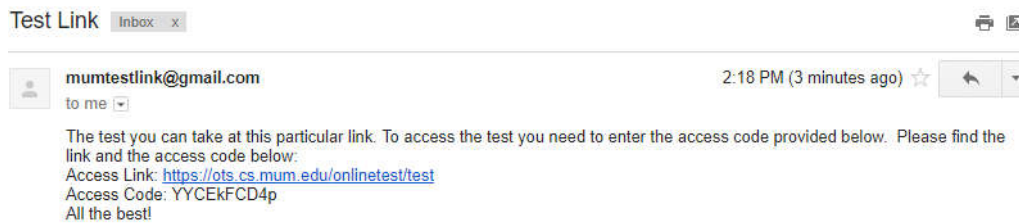
< 1 >

## 5. Student Manual

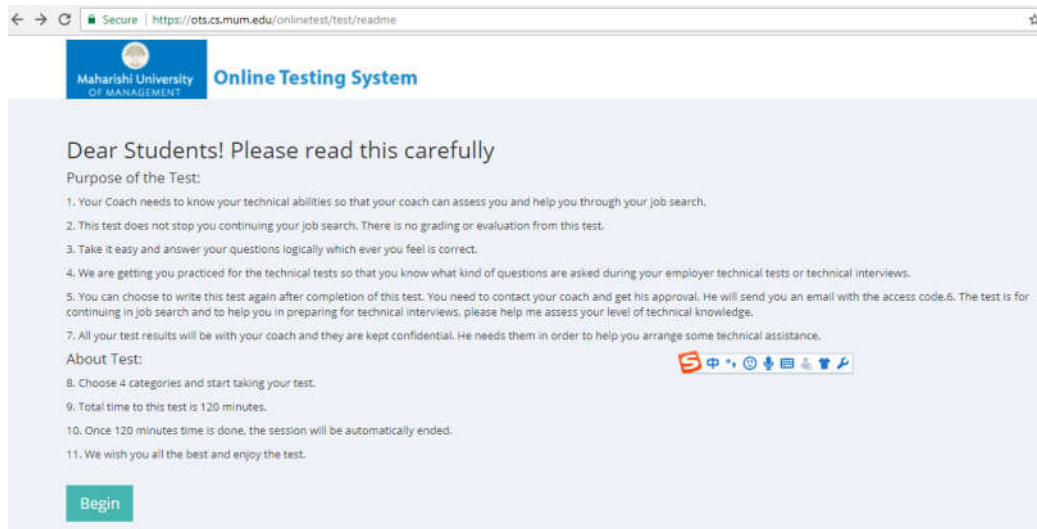
### 5.1 Take the Test

As a student who is doing job seeking, every now and then Coach will generate some online test to help you find the weak point of your knowledge tree. All you need is to follow the guide below:

After the coach generate the test, you will receive the link and Access Code in your email:




Click the link, and you will see the guidance:




Input the Access Code:

Enter Access Code:

Submit

 [localhost:8084/onetest/test/showcategories](http://localhost:8084/onetest/test/showcategories)



Maharishi University  
OF MANAGEMENT

Online Testing System

Please select 3 to 4 sub categories

Java

☒ Core

☒ JSP


☐ Servlet

☒ Spring

Submit



localhost:8084/online/test/test

 **Online Testing System**

---

Student Name: Julia Chen Time Remaining :119 Minute 44 Seconds

Questions 1/3

---

Choose appropriate datatype for value 4.5

☐ int

☐ double

☐ float

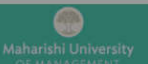
☐ string

☐

[Next](#)

Please double check before you submit your answers to grade:

localhost:8084/online/test/test

 **Online Testing System**

---

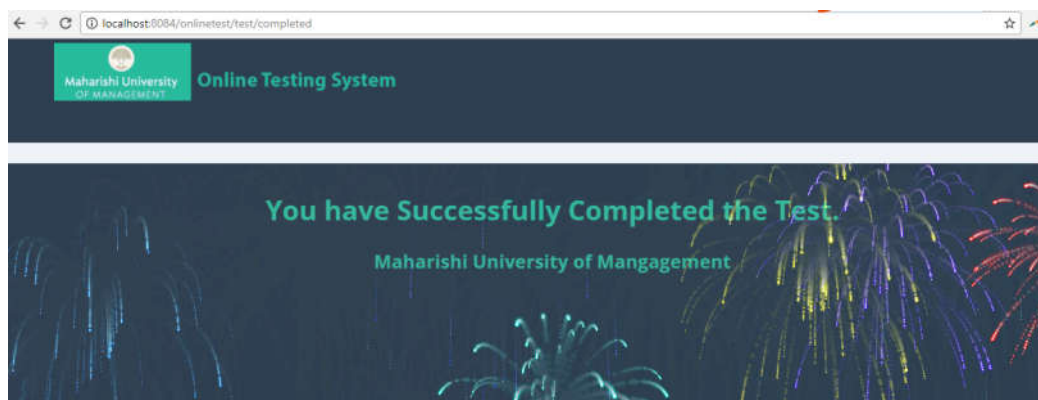
Student Name: Julia Chen Time Remaining :119 Minute 13 Seconds

Questions 3/3

Confirm Header

Do you want to submit for grading?

[Close](#) [Confirm](#)



## 6. Revision History

Version	Date	Author	Description	Approver
V1.0	10/19/2017	Julia	First Version	