

Test Data

Login Module

- Point to take note
 - Login with ID number as credentials belong to student account
 - Login with Name as credentials belong to Lecturer account
 - Login with “admin” as credentials belong to admin account

Input		Expected Output
Username	Password	
1151101980	pass1234	Login success. Redirect to student homepage.
1151101987	pass1234	Login fail. Error message“Account disabled”displayed.
Chris	pass1234	Login success. Redirect to supervisor homepage.
admin	pass1234	Login success. Redirect to admin page.
admin	1234	Login fail. Error message“Invalid login”displayed.

Profile Module

Change Password			
Input			Expected Output
Old Password	New Password	New Password Confirmation	
pass1234	pass1234	pass1234	Valid.
pass1234	pass5678	pass5678	Valid.
pass1234	pass1234	pass5678	Invalid. The two password fields didn't match.
pass2345	pass1234	pass1234	Invalid. Old password entered incorrectly.
pass1234	1234	1234	Invalid.

			New password need to be at least 8 character.
pass1234	12345678	12345678	Invalid. New password contain only numeric.
pass1234	password	password	Invalid. New password too common.
pass1234	pass1234	pass1234	Login fail. Error message "Invalid login" displayed.

Edit Profile				
Input				Expected Output
Profile Picture	First Name	Last Name	Address	
-	Kun	Shun	18, Jalan Dewasa, Batu Tiga	Valid.
me.jpg	Kun	Shun	18, Jalan Dewasa, Batu Tiga	Valid.
demo.pdf	Kun	Shun	18, Jalan Dewasa, Batu Tiga	Invalid. Invalid profile picture file.
me.jpg	-	Shun	18, Jalan Dewasa, Batu Tiga	Invalid. First name must not be empty field.
me.jpg	Kun	-	18, Jalan Dewasa, Batu Tiga	Invalid. Last name must not be empty field.
me.jpg	Kun	Shun	-	Invalid. Address must not be empty field.

Appointment Module

Points to note

- Assuming the details at the time of booking is as follow:
 - Date : 10/9/2017
 - Time : 12:00 (using 24 hour format)
- Booking time slot that is clashing will not be check, it is assume that the lecturer will manage his/her own time schedule
- LecID will be done as drop down menu, therefore, no invalid input for lecturer is possible, unless there is none selected
- Reason does not have invalid input, unless there is no input.

Add Appointment				
Input				Expected Output
Date	Time	LecID	Reason	
12/9/2017	16:00	[valid selected ID]	[Reason to consult Lec]	Valid
10/9/2017	13:59			Invalid, Booking time must be 2 hour of current time
10/9/2017	14:00			Valid
9/9/2017	16:00			Invalid, Booking date cannot be before today's date
-	16:00			Invalid, Booking date cannot be empty
10/9/2017	-			Invalid, Booking time cannot be empty
10/9/2017	16:00	-	-	Invalid, LecID cannot be empty
10/9/2017	16:00	[valid selected ID]		Invalid, Reason cannot be empty

Upload File Module

Input		Expected Output
File name	File type	
Research	pdf, docx	Upload success, redirect to file page.
Research	jpg, mp3	Upload fail. File type must be in .pdf or .docx.
-	pdf, docx	Upload fail. File name can't be blank.
-	jpg, mp3	Upload fail. File name can't be blank and file type must be in .pdf or .docx.

Add Subject Module (Admin)

Input			Expected Output
Subject Name	Credit Hour	Subject Fee	
Software Engineering Fundamental	4	1234.50	Add subject success. Redirect to subject management page.
Software Engineering Fundamental	4.0	1234.50	Add subject success. Redirect to subject management page.
Software Engineering Fundamental	4	1234	Add subject success. Redirect to subject management page.
Software Engineering Fundamental	4.1	1234.50	Add subject fail. Credit Hour must be in integer.

Software Engineering Fundamental	4	1234.500	Add subject fail. Subject Fee must be in two decimal places.
-	4	1234.50	Add subject fail. Subject name can't be blank.

Transaction Module

Points to take note

- File type that are accepted are.
 - pdf, PNG, jpg and gif only.
- RefNo does not have invalid input unless there are no input.

Make Transaction		
Input		Expected Output
[uploaded file type]	RefNo	
.pdf	[Resit Reference Number]	Valid
.gif		Valid
.mp4		Invalid, File type invalid
-		Invalid, No file is uploaded
.PNG	-	Invalid, RefNo cannot be empty

Application Module

- Points to take note
 - This module is separated into 3 table to make it simpler to identify the error, however, all details in 3 table will be submitted together from a single-page view.
 - Number is not allow for Name input.

Application				
Input				Expected Output
Name	Nationality	Type	Programme	
Joker	Malaysia	By Research	Master of Business	Valid,return to login page
-	Malaysia	By Research	Master of Business	Invalid,Please enter your name
123	Malaysia	By Research	Master of Business	Invalid,Name only consist of alphabet and space
Joker	-	By Research	Master of Business	Invalid, Please select your nationality
Joker	Malaysia	-	Master of Business	Invalid, Please select your type
Joker	Malaysia	By Research	-	Invalid,Please select the programme you interest

Application				
Input				Expected Output
Birthday Date	Gender	IC	Qualification	
-	Male	960310105777	Qualification.pdf	Invalid,Please insert your date of birth
03/10/1996	-	960310105777	Qualification.pdf	Invalid,Please

				select your gender
03/10/1996	Male	-	Qualification.pdf	Invalid,Please enter your identity number and do not include -
03/10/1996	Male	dasdasdas	Qualification.pdf	Invalid,The identity number only consist number
03/10/1996	Male	3123	Qualification.pdf	Invalid,Please enter value between 12 and 12 character long
03/10/1996	Male	960310105777	-	Invalid,Please select a file and file only accept pdf file

Application					
Input					Expected Output
Document	Photo	Mobile number	Email Address	Address	
-	photo.png	0123456789	example@gmail.com	18, Jalan Dewasa, Batu Tiga	Invalid,Please select a file and file only accept pdf file
Document.pdf	-	0123456789	example@gmail.com	18, Jalan Dewasa, Batu Tiga	Invalid,Please select an image and image only accept png and jpg type
Document.pdf	photo.png	dsadsa	example@gmail.com	18, Jalan Dewasa, Batu Tiga	Invalid,The phone number only consist

					number
Document.pdf	photo.png	01123	example@gmail.com	18, Jalan Dewasa, Batu Tiga	Invalid, Please enter value between 10 and 11 character long
Document.pdf	photo.png	-	example@gmail.com	18, Jalan Dewasa, Batu Tiga	Invalid, Please insert your phone number
Document.pdf	photo.png	0123456789	-	18, Jalan Dewasa, Batu Tiga	Invalid, Email address is required and cannot be empty
Document.pdf	photo.png	0123456789	example@	18, Jalan Dewasa, Batu Tiga	Invalid, Email address is invalid
Document.pdf	photo.png	0123456789	example@gmail.com	-	Invalid, Please insert address