

# **LIST OF REQUIREMENTS**

## **E-HYDROPONICS SYSTEM (EHS)**

**PREPARED FOR:  
PROF. ZHAMRI BIN CHE ANI**

<b>PREPARED BY:</b>	
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Listed below are the functional requirements and non-functional requirement of the system. In the priority column, the following short hands are used:

- M – mandatory requirements (something the system must do)
- D – desirable requirements (something the system preferably should do)
- O – optional requirements (something the system may do)

#### A. FUNCTIONAL REQUIREMENTS

No.	Requirement ID	Requirement Description	Priority
	<b>EHS_01</b>	<b>Make Register</b>	
1.	EHS_01_01	Customer shall insert name, email address, password, mobile number and home address in order to register and access into system.	M
2.	EHS_01_02	Customer shall click submit button to confirm the registration process.	M
3.	EHS_01_03	Customer can reset his or her inserted information in registration form.	O
4.	EHS_01_04	The system shall customer registration into the database system.	D
5.	EHS_01_05	The system shall display an error message if customer failed to complete information that required in registration form.	D
	<b>EHS_02</b>	<b>Login System</b>	
6.	EHS_02_01	Customer / Admin shall insert email address or username and password at Login Page in order login into the system.	M
7.	EHS_02_02	Customer / Admin can reset inserted email address or username and password.	O
8.	EHS_02_03	The system shall authenticate the authorized customer or admin with inserted email address or username with password.	D
9.	EHS_02_04	The system shall display an error message if customer / seller inserted invalid username or password.	D
	<b>EHS_03</b>	<b>View Catalogue</b>	
10.	EHS_03_01	Customer shall view categories of Hydroponics items.	M
11.	EHS_03_02	Customer shall click on item in order to view its full information such as item's id, name, picture, price and description.	M
12.	EHS_03_03	The system shall display all item's information on pages.	D
	<b>EHS_04</b>	<b>Make Order</b>	
13.	EHS_04_01	Customer shall click add to cart at Product Info Page	M
14.	EHS_04_02	Customer can proceed confirm order.	O
15.	EHS_04_03	Customer can delete order.	O
16.	EHS_04_04	Customer can view order list.	O
17.	EHS_04_05	The system shall display confirmation message during confirm the make order process.	D

	<b>EHS_05</b>	<b>Manage Item</b>	
18.	EHS_05_01	Admin shall add new item entry and its information.	M
19.	EHS_05_02	Admin can delete item.	O
20.	EHS_05_03	Admin can update item.	O
21.	EHS_05_04	Admin can reset inserted item's information.	O
22.	EHS_05_05	The system shall display an error message if admin failed to complete details during adding or updating process.	D
	<b>EHS_06</b>	<b>Manage Customer and Order</b>	
23.	EHS_06_01	Admin shall view all customer and order list.	M
24.	EHS_06_02	Admin can delete customer.	O
25.	EHS_06_03	Admin can delete order.	O
26.	EHS_06_04	The system shall display confirmation message during deleting process.	D

## B. NON-FUNCTIONAL REQUIREMENTS

No.	Requirement ID	Requirement Description	Priority
	<b>EHS_07</b>	<b>Reliability</b>	
27.	EHS_07_01	The system should be not crash when customers are accessing into system at same time.	M
	<b>EHS_08</b>	<b>Security</b>	
28.	EHS_08_01	The system shall connect to secured server so that customer's personal information is not leaked and outsiders cannot access on that	M
29.	EHS_08_02	Customer and Seller have limited access into the system which can register once only.	M
	<b>EHS_9</b>	<b>Accessibility</b>	
30.	EHS_09_01	The system shall make sure that products in catalogue have enough stocks so that customers can make order without worries.	M
	<b>EHS_10</b>	<b>Performance</b>	
31.	EHS_10_01	The system shall prompt customers with the several steps that should to follow during accessing the system.	M