
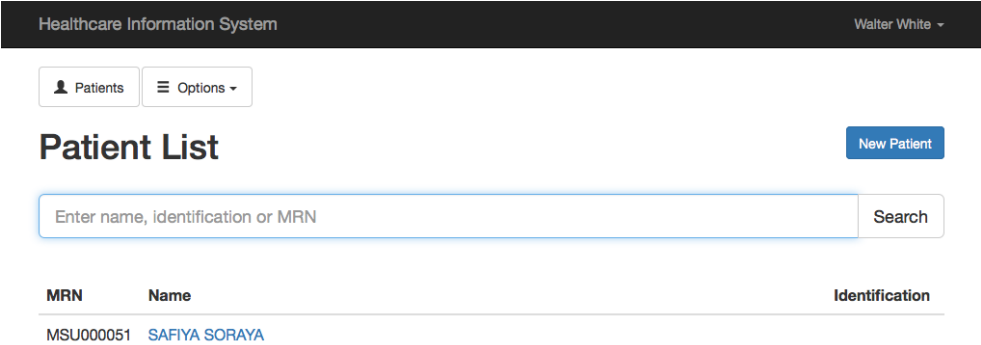

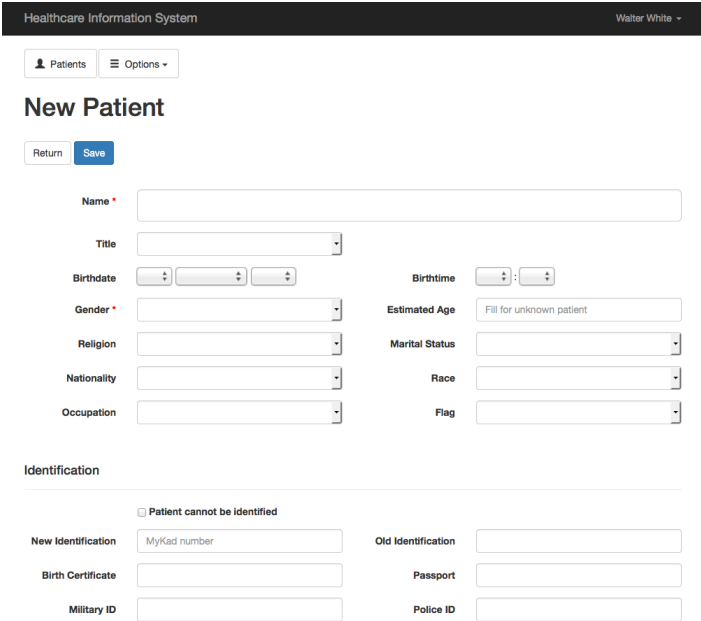
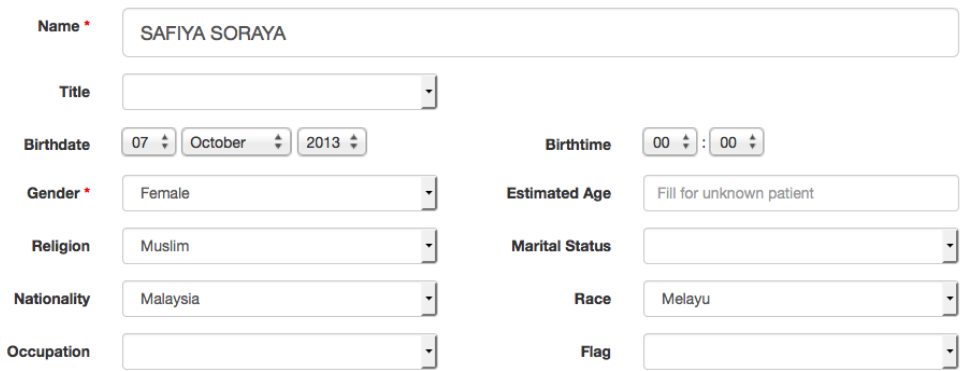
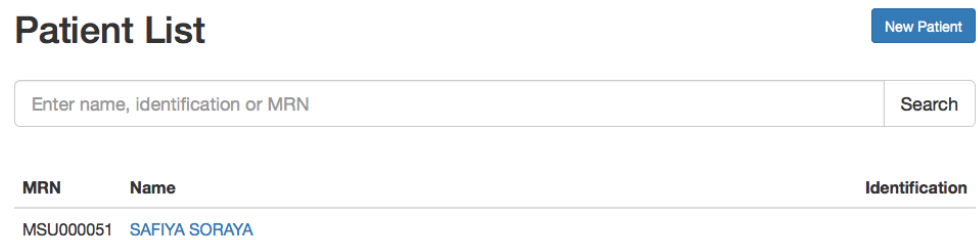


2.0 Patient Module


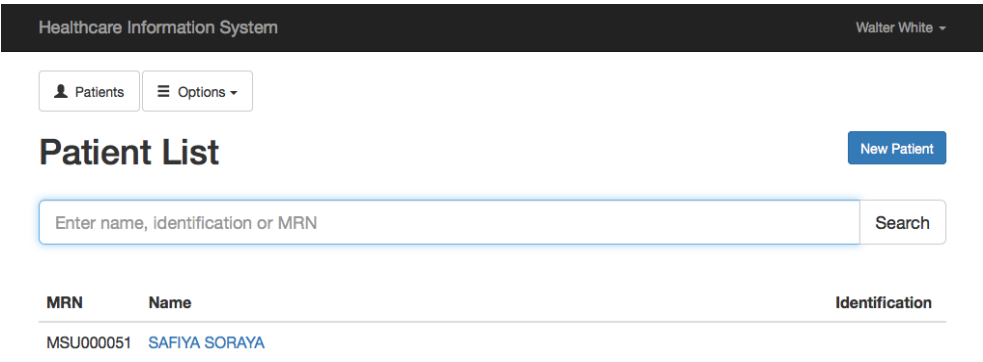

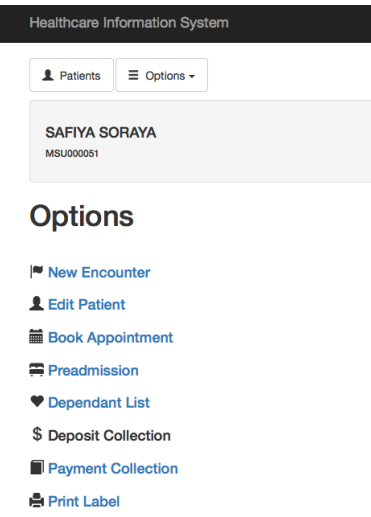
2.1 Patient Registration


Action	Output Expected																																	
<p>a. Login to the system with the URL provided into the browser. Please request the URL from your system administrator if you don't have one.</p> <div><div><div>Login</div><div><div>Username</div><div>Password</div><div><input type="checkbox"/> Remember Me</div><div>Login</div><div>Forgot Your Password?</div></div></div></div> <p>Enter your login credentials in the area provided.</p>	<p>Upon successful login you will be greeted by user specific landing page:</p> <div><div><div>Healthcare Information System</div><div>Hidayat</div></div><div><div><div>Patients</div><div>Discharges</div><div>Options</div></div></div><div><div>Patient List</div><div>New Patient</div></div><div><div><div>Enter name, identification or MRN</div><div>Search</div></div></div><div><table><tr><th>MRN</th><th>Name</th><th>Identification</th></tr><tr><td>MSU000051</td><td>SAFIYA SORAYA</td><td></td></tr><tr><td>MSU000036</td><td>SYASYA SORFINA</td><td></td></tr><tr><td>MRN000035</td><td>Abu Bin Ali</td><td></td></tr><tr><td>MRN000034</td><td>Sharif Adli</td><td>030530101234</td></tr><tr><td>MRN000033</td><td>Mohamad Bin Abdullah</td><td></td></tr><tr><td>MRN000032</td><td>Abdul Halim</td><td></td></tr><tr><td>MRN000029</td><td>Salwa Sorhana</td><td></td></tr><tr><td>MSU000028</td><td>John Doe</td><td></td></tr><tr><td>MSU000027</td><td>JANE DOE</td><td></td></tr><tr><td>MRN000023</td><td>Shamsul Amri Ramli</td><td>730131035487</td></tr></table><div><div>1</div><div>2</div></div><div>11 records found.</div></div></div>	MRN	Name	Identification	MSU000051	SAFIYA SORAYA		MSU000036	SYASYA SORFINA		MRN000035	Abu Bin Ali		MRN000034	Sharif Adli	030530101234	MRN000033	Mohamad Bin Abdullah		MRN000032	Abdul Halim		MRN000029	Salwa Sorhana		MSU000028	John Doe		MSU000027	JANE DOE		MRN000023	Shamsul Amri Ramli	730131035487
MRN	Name	Identification																																
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MSU000036	SYASYA SORFINA																																	
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MRN000034	Sharif Adli	030530101234																																
MRN000033	Mohamad Bin Abdullah																																	
MRN000032	Abdul Halim																																	
MRN000029	Salwa Sorhana																																	
MSU000028	John Doe																																	
MSU000027	JANE DOE																																	
MRN000023	Shamsul Amri Ramli	730131035487																																

Action	Output Expected
<p>b. Click on the Patient option in the menubar.</p> <div></div>	<p>This will take you to the Patient Search page.</p> <div></div>
<p>c. Click on the New Patient button location on the right side of the page.</p> <div></div>	<p>Patient Demography window will appear.</p> <div></div>

Action	Output Expected
d. Fill in the patient demographic information.	
g. Finally click on the Save button to create patient record.	<p>A new patient record will be created in the Patient Search page.</p> 

2.1 Outpatient Encounter


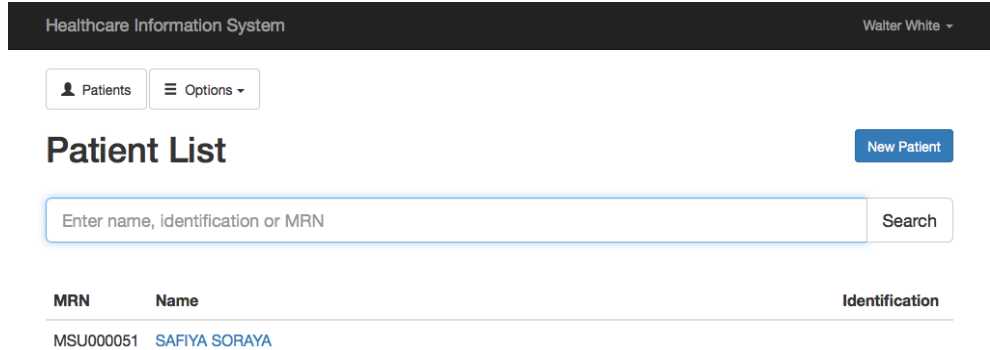

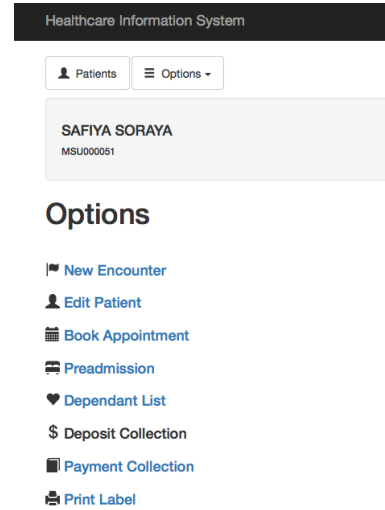
Action	Output Expected
<p>a. Click on the Patient option in the menubar.</p>  <p>Note: This workflow also applicable for green emergency cases.</p>	<p>This will take you to the Patient Search page.</p> 
<p>b. Click on the patient's name to begin.</p> 	<p>You will be presented with the patient view page. From here you can access to various options available for the patient.</p> 


Action	Output Expected
c. Click on the 'New Encounter' link	<p>You will be presented with the Encounter page.</p>  <p>The screenshot displays the 'New Encounter' interface. At the top, there's a header with 'Healthcare Information System' and a user profile 'Walter White'. Below this, there are buttons for 'Patients' and 'Options'. A patient card for 'SAFIYA SORAYA' with ID 'MSU000051' is shown. The main section is titled 'New Encounter' and includes the instruction 'Define the encounter nature and billing information of the patient'. It contains two sections: 'Encounter' with dropdowns for 'Encounter' and 'Triage', and 'Billing Information' with dropdowns for 'Patient Type', 'Employer', and a text field for 'Employee ID'. 'Cancel' and 'Next' buttons are at the bottom.</p>

Action	Output Expected
<p>d. Choose 'Outpatient' from the Encounter dropdown menu.</p> <div data-bbox="309 316 918 694"> <h3>New Encounter</h3> <p>Define the encounter nature and billing information of the patient</p> <p>Encounter</p> <div> <div>Encounter *</div> <div>Outpatient</div> </div> <div> <div>Triage</div> <div></div> </div> <p>For emergency cases only</p> </div>	
<p>e. Click Next button to proceed.</p> <div data-bbox="537 869 687 965"> <div>Next</div> </div>	<p>You will be presented with the outpatient queue location page.</p> <div data-bbox="1344 869 1825 1316"> <h3>New Encounter</h3> <h3>Outpatient</h3> <p>Select queue location for the patient.</p> <div> <input type="radio"/> Consultation Room 01 <input type="radio"/> Consultation Room 02 </div> <div> <div>Cancel</div> <div>Save</div> </div> </div>

Action	Output Expected						
<p>f. Click on 'Consultation Room 01' option and click Save to continue.</p> <div><div><input checked="" type="radio"/> Consultation Room 01</div><div><input type="radio"/> Consultation Room 02</div></div> <div><div>Cancel</div><div>Save</div></div>	<p>Upon successful you will be taken to the Queue List page. Here you will be able to see the selected patient in the queue. You have completed the outpatient queue process.</p> <div><div>Healthcare Information System</div><div>Walter White</div><div><div>Patients</div><div>Options</div></div><div>Queue List</div><div></div><div>Search</div><div>Record successfully created.</div><table><thead><tr><th>Time</th><th>Patient</th><th>Location</th></tr></thead><tbody><tr><td>22 June 2016, 15:46</td><td>SAFIYA SORAYA</td><td>Consultation Room 01</td></tr></tbody></table></div>	Time	Patient	Location	22 June 2016, 15:46	SAFIYA SORAYA	Consultation Room 01
Time	Patient	Location					
22 June 2016, 15:46	SAFIYA SORAYA	Consultation Room 01					
<p>g. This workflow is also applicable for emergency cases with green tag.</p> <div><div>New Encounter</div><div>Define the encounter nature and billing information of the patient</div><div>Encounter</div><div><div>Encounter</div><div>Emergency</div><div>Triage</div><div>Green</div><div>For emergency cases only</div></div></div>							

2.2 Inpatient Encounter


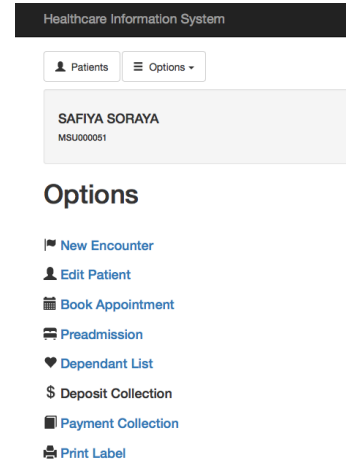

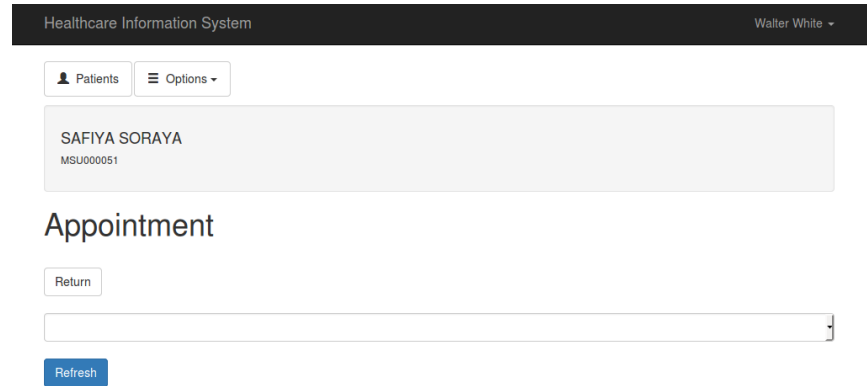
Action	Output Expected
<p>a. Click on the Patient option in the menubar.</p>  <p>Note: This workflow also applicable for daycare, emergency cases (yellow and red) and mortuary.</p>	<p>This will take you to the Patient Search page.</p> 
<p>b. Click on the patient's name to begin.</p> 	<p>You will be presented with the patient view page. From here you can access to various options available for the patient.</p> 

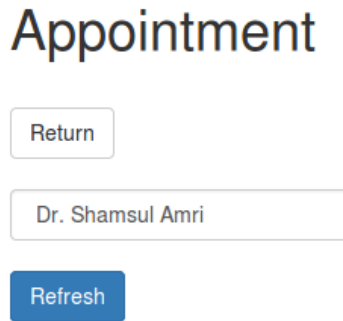
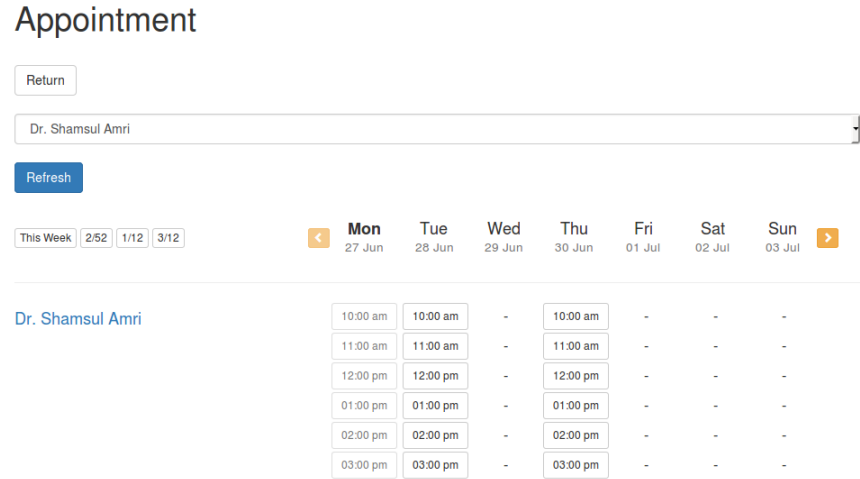
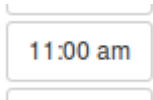
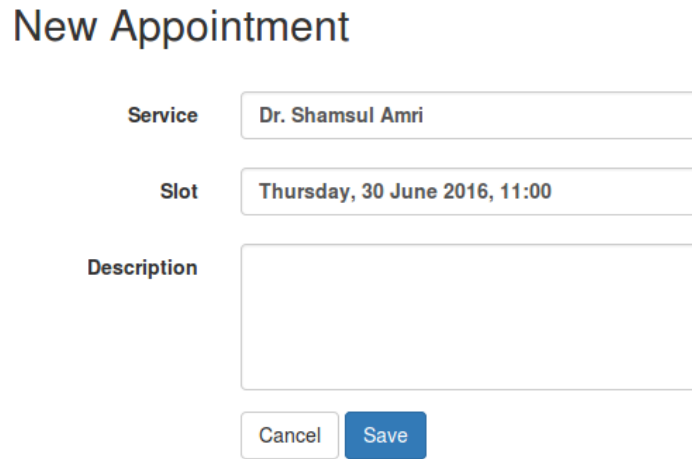
Action	Output Expected
c. Click on the 'New Encounter' link	<p>You will be presented with the Encounter page.</p>  <p>The screenshot displays the 'New Encounter' interface. At the top, there's a header 'Healthcare Information System' with a user 'Walter White'. Below this, there are buttons for 'Patients' and 'Options'. A patient card shows 'SAFIYA SORAYA' with ID 'MSU000051'. The main heading is 'New Encounter', followed by the instruction 'Define the encounter nature and billing information of the patient'. The 'Encounter' section has a dropdown for 'Encounter' (marked with a red asterisk) and a 'Triage' dropdown. A note 'For emergency cases only' is present. The 'Billing Information' section includes fields for 'Patient Type', 'Employer', and 'Employee ID'. At the bottom are 'Cancel' and 'Next' buttons.</p>

Action	Output Expected
<p>d. Choose 'Inpatient' from the Encounter dropdown menu and click Next button to proceed.</p> <div data-bbox="331 352 907 707"> <h3>New Encounter</h3> <p>Define the encounter nature and billing information of the patient</p> <p>Encounter</p> <div> <div>Encounter *</div> <div>Inpatient</div> </div> <div> <div>Triage</div> <div></div> </div> <p>For emergency cases only</p> </div>	<p>You will be presented with inpatient encounter page.</p> <div data-bbox="1218 323 1948 798"> <div>Healthcare Information SystemWalter White</div> <div> <div>Patients</div> <div>Options</div> </div> <div> <div>SAFIYA SORAYA</div> <div>MSU000051</div> <div>Encounter not paid</div> </div> <h3>New Encounter</h3> <h4>Inpatient</h4> <p>Define admission details.</p> <div> <div>Admission Type</div> <div></div> </div> <div> <div>Referral</div> <div></div> </div> <div> <div>Consultant *</div> <div></div> </div> <div> <div>Cancel</div> <div>Save</div> </div> </div>
<p>e. Enter the following inpatient information and click the Save button to continue.</p> <div data-bbox="412 975 828 1377"> <h3>New Encounter</h3> <h4>Inpatient</h4> <p>Define admission details.</p> <div> <div>Admission Type</div> <div>New Admission</div> </div> <div> <div>Referral</div> <div>Emergency Department</div> </div> <div> <div>Consultant *</div> <div>Dr. Shamsul Amri Ramli</div> </div> <div> <div>Cancel</div> <div>Save</div> </div> </div>	<p>Once saved you will be presented with the bed selection page.</p> <div data-bbox="1218 927 1948 1377"> <div>Healthcare Information SystemWalter White</div> <div> <div>Patients</div> <div>Options</div> </div> <div> <div>SAFIYA SORAYA</div> <div>MSU000051</div> <div>Encounter not paid</div> </div> <h3>New Encounter</h3> <h4>Inpatient</h4> <p>Select bed for this patient.</p> <div></div> <div> <div>Cancel</div> <div>Refresh</div> </div> <p>No record found.</p> </div>

Action	Output Expected												
f. Select 'Class 1' from the dropdown menu and click the Refresh button to see available bed for that particular class.	<p>You will be able to see a list of bed belonging to the selected class.</p> <div><div>Healthcare Information SystemWalter White</div><div><div>Patients</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>Encounter not paid</div></div><div>New Encounter</div><div>Inpatient</div><div>Select bed for this patient.</div><div>Class 1</div><div><div>Cancel</div><div>Refresh</div></div><div><table><thead><tr><th>Bed</th><th>Class</th><th>Occupant</th></tr></thead><tbody><tr><td>Bed 1</td><td>Class 1</td><td><div>Admit</div></td></tr><tr><td>Bed 2</td><td>Class 1</td><td><div>Admit</div></td></tr><tr><td>Bed 5</td><td>Class 1</td><td><div>Admit</div></td></tr></tbody></table></div></div>	Bed	Class	Occupant	Bed 1	Class 1	<div>Admit</div>	Bed 2	Class 1	<div>Admit</div>	Bed 5	Class 1	<div>Admit</div>
Bed	Class	Occupant											
Bed 1	Class 1	<div>Admit</div>											
Bed 2	Class 1	<div>Admit</div>											
Bed 5	Class 1	<div>Admit</div>											
g. Click the Admit button for Bed 1, Class 1	<p>A confirmation page will be displayed.</p> <div><div>Healthcare Information SystemWalter White</div><div><div>Patients</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div></div><div>Admission Complete</div><div>The patient has been successfully admitted to the following location:</div><div><div>Ward</div><div>General Medicine</div><div>Room</div><div>Room 1</div><div>Bed</div><div>Bed 1</div></div><div><div>Return</div></div></div>												


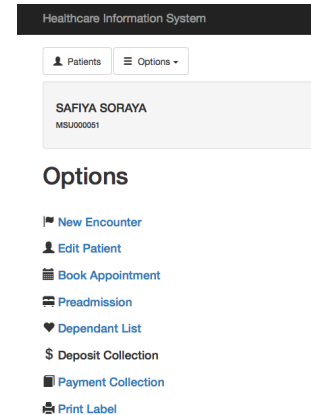

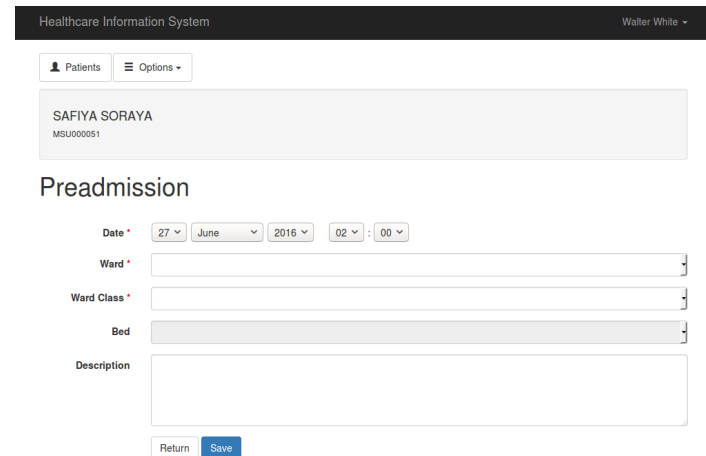
2.3 Appointment

Action	Output Expected
<p>a. Find and click on the patient's name to begin.</p> 	<p>You will be presented with the patient view page. From here you can access to various options available for the patient.</p> 
<p>b. Click on the 'Appointment' link</p> 	<p>You will be presented with the Appointment page.</p> 

Action	Output Expected
<p>c. Select one of the services offered and click the Refresh button to view its schedule.</p> 	<p>You will be presented with the service schedule.</p> 
<p>d. Click on one of the time slots.</p> 	<p>You will be presented with the slot information.</p> 

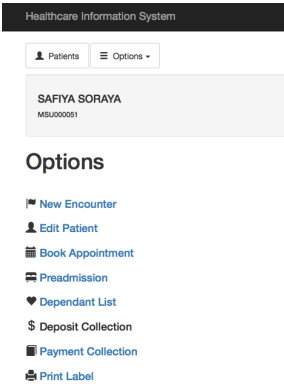

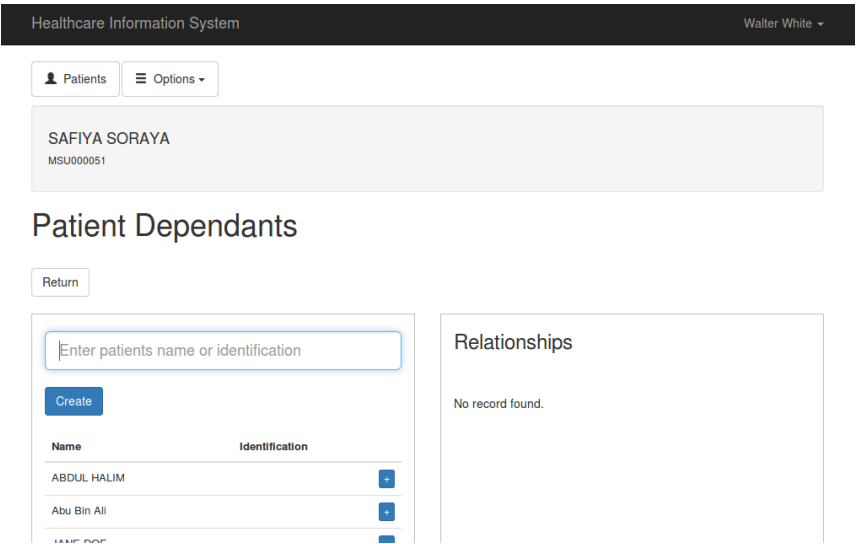
Action	Output Expected										
<p>e. Enter description of the appointment and click the Save button to continue.</p> <div><h3>New Appointment</h3><div><div>Service</div><div>Dr. Shamsul Amri</div></div><div><div>Slot</div><div>Thursday, 30 June 2016, 11:00</div></div><div><div>Description</div><div>Review investigation</div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>A new appointment has been created for the selected patient.</p> <div><div>Healthcare Information System</div><div>Walter White</div></div> <div><div>Patients</div><div>Options</div></div> <h3>Appointment List</h3> <div></div> <div>Refresh</div> <div>Record successfully created.</div> <table><tr><th>Slot</th><th>Service</th><th>Patient</th><th>Home Phone</th><th>Mobile Phone</th></tr><tr><td>Thu, 30 June 2016, 11:00</td><td>Dr. Shamsul Amri</td><td>SAFIYA SORAYA MSU000051</td><td></td><td>Delete</td></tr></table>	Slot	Service	Patient	Home Phone	Mobile Phone	Thu, 30 June 2016, 11:00	Dr. Shamsul Amri	SAFIYA SORAYA MSU000051		Delete
Slot	Service	Patient	Home Phone	Mobile Phone							
Thu, 30 June 2016, 11:00	Dr. Shamsul Amri	SAFIYA SORAYA MSU000051		Delete							

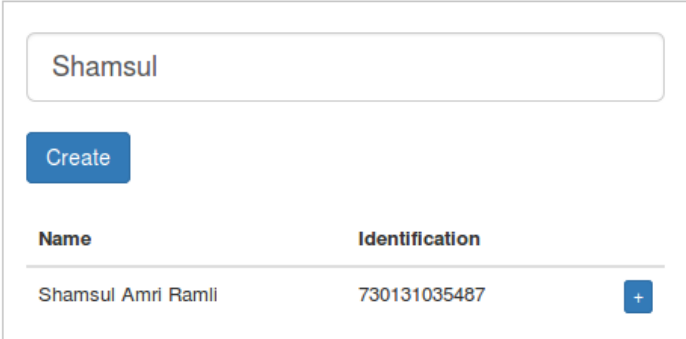

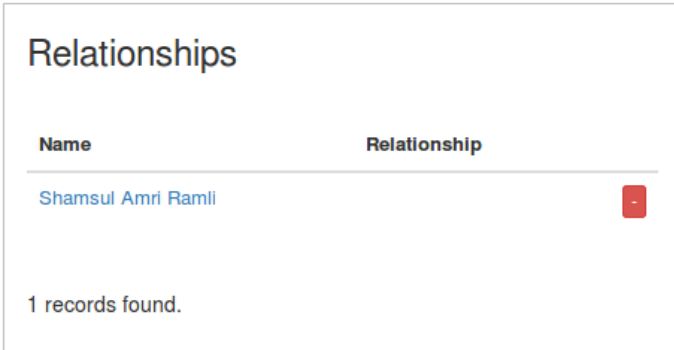
2.4 Preadmission

Action	Output Expected
<p>a. Find and click on the patient's name to begin.</p> 	<p>You will be presented with the patient view page. From here you can access to various options available for the patient.</p> 
<p>b. Click on the 'Preadmission' link</p> 	<p>You will be presented with the Preadmission page.</p> 

Action	Output Expected																		
<p>c. Enter preadmission details and click the Save button to continue.</p> <div><h3>Preadmission</h3><div><div>Date *</div><div><div>27</div><div>June</div><div>2016</div><div>02</div><div>:</div><div>00</div></div></div><div><div>Ward *</div><div>General Medicine</div></div><div><div>Ward Class *</div><div>Class 1</div></div><div><div>Bed</div><div></div></div><div><div>Description</div><div></div></div><div><div>Return</div><div>Save</div></div></div>	<p>Patient will be added to the preadmission list.</p> <div><div>Healthcare Information System</div><div>Walter White</div></div> <div><div>Patients</div><div>Options</div></div> <h3>Bed Bookings</h3> <div>Find</div> <div>Record successfully created.</div> <table><tr><th>Date</th><th>Patient</th><th>Ward</th><th>Class</th><th>Bed</th><th>Vacant</th></tr><tr><td>26 June 2016</td><td>JANE DOE</td><td>General Medicine</td><td>Class 1</td><td></td><td>2</td></tr><tr><td>27 June 2016</td><td>SAFIYA SORAYA</td><td>General Medicine</td><td>Class 1</td><td></td><td>2</td></tr></table>	Date	Patient	Ward	Class	Bed	Vacant	26 June 2016	JANE DOE	General Medicine	Class 1		2	27 June 2016	SAFIYA SORAYA	General Medicine	Class 1		2
Date	Patient	Ward	Class	Bed	Vacant														
26 June 2016	JANE DOE	General Medicine	Class 1		2														
27 June 2016	SAFIYA SORAYA	General Medicine	Class 1		2														

2.5 Dependant List

Action	Output Expected
<p>a. Find and click on the patient's name to begin.</p> <div> <div>MRN</div> <div>Name</div> <hr/> <div>MSU000051</div> <div>SAFIYA SORAYA</div> </div>	<p>You will be presented with the patient view page.</p> 
<p>b. Click on the 'Dependant List' link</p> <div>  <div>Dependant List</div> </div>	<p>You will be presented with the 'Patient Dependents' page.</p> 

Action	Output Expected
<p>c. Find the patient dependant by entering a name or the identification of the dependant in the search text box provided and press enter.</p>	<p>Upon successful search the person will be listed.</p> 
<p>d. Click on the Add button to add that particular person as a dependant.</p> 	<p>The person will be added to the patient's dependant list.</p> 

Action	Output Expected				
e. You may define the relationship of the person to the patient by click on the person name.	<p>The relationship panel will be updated with the Edit Dependant page.</p> <div><h3>Edit Dependant</h3><p>Name *</p><input type="text" value="Shamsul Amri Ramli"/><p>Gender *</p><input type="text" value="Male"/><p>New IC</p><input type="text" value="730131035487"/><p>Relationship</p><input type="text"/><p>Phone Home</p><input type="text" value="1"/><p>Phone Mobile</p><input type="text" value="016-2636446"/><p>Phone Office</p><input type="text" value="2"/><p><input type="button" value="Cancel"/> <input type="button" value="Save"/></p></div>				
f. Define the relationship of this person and click the Save button to continue.	<p>The person relationship will be updated.</p> <div><h3>Relationships</h3><table><thead><tr><th>Name</th><th>Relationship</th></tr></thead><tbody><tr><td>Shamsul Amri Ramli</td><td>Father <input type="button" value="x"/></td></tr></tbody></table></div>	Name	Relationship	Shamsul Amri Ramli	Father <input type="button" value="x"/>
Name	Relationship				
Shamsul Amri Ramli	Father <input type="button" value="x"/>				

Action	Output Expected																									
g. If you go to the Dependant List again you will noticed that the system has also identified other possible relationship based on the social graph.	<p>Patient’s dependant list will be updated.</p> <h3>Dependant List</h3> <div><div>Return</div><div>Create</div></div> <table><thead><tr><th>Name</th><th>MRN</th><th>Home Phone</th><th>Mobile Phone</th><th></th></tr></thead><tbody><tr><td>Salwa Sorhana</td><td>MRN000029</td><td></td><td></td><td><div>View</div></td></tr><tr><td>SHAHRIYAH ALI</td><td>-</td><td>0389201002</td><td>016-3665123</td><td><div>View</div></td></tr><tr><td>SHAMSUL AMRI RAMLI</td><td>MRN000023</td><td></td><td>012-2636246</td><td><div>View</div></td></tr><tr><td>SYASYA SORFINA</td><td>MSU000036</td><td></td><td></td><td><div>View</div></td></tr></tbody></table>	Name	MRN	Home Phone	Mobile Phone		Salwa Sorhana	MRN000029			<div>View</div>	SHAHRIYAH ALI	-	0389201002	016-3665123	<div>View</div>	SHAMSUL AMRI RAMLI	MRN000023		012-2636246	<div>View</div>	SYASYA SORFINA	MSU000036			<div>View</div>
Name	MRN	Home Phone	Mobile Phone																							
Salwa Sorhana	MRN000029			<div>View</div>																						
SHAHRIYAH ALI	-	0389201002	016-3665123	<div>View</div>																						
SHAMSUL AMRI RAMLI	MRN000023		012-2636246	<div>View</div>																						
SYASYA SORFINA	MSU000036			<div>View</div>																						

2.6 Deposit Collection

Action	Output Expected				
<p>a. Find and click on the patient's name to begin.</p> <div data-bbox="277 432 956 553"> <table> <thead> <tr> <th>MRN</th><th>Name</th></tr> </thead> <tbody> <tr> <td>MSU000051</td><td>SAFIYA SORAYA</td></tr> </tbody> </table> </div>	MRN	Name	MSU000051	SAFIYA SORAYA	<p>You will be presented with the patient view page.</p> <div data-bbox="1429 383 1736 799"> <div>Healthcare Information System</div> <div> Patients Options </div> <div>SAFIYA SORAYA MSU000051</div> <div>Options</div> <div> New Encounter Edit Patient Book Appointment Preadmission Dependant List Deposit Collection Payment Collection Print Label </div> </div>
MRN	Name				
MSU000051	SAFIYA SORAYA				
<p>b. Click on the 'Deposit Collection' link</p> <div data-bbox="443 948 779 995"> \$ Deposit Collection </div>	<p>You will be presented with the 'New Deposit' page.</p> <div data-bbox="1178 920 1989 1394"> <div>Healthcare Information SystemWalter White</div> <div> Patients Options </div> <div>SAFIYA SORAYA MSU000051 Encounter not paid</div> <div>New Deposit</div> <div> Amount * Payment Method * Note </div> <div> Cancel Save </div> </div>				


Action	Output Expected								
<p>c. Enter the amount and method of collection and click the Save button to continue. You may also enter some note to describe the deposit.</p> <div><div>New Deposit</div><div><div>Amount *</div><div>1000</div></div><div><div>Payment Method *</div><div>Cash</div></div><div><div>Note</div><div>Admission deposits</div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>The amount of deposit will be saved.</p> <div><div>Healthcare Information System</div><div>Walter White</div><div><div>Patients</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>Encounter not paid</div></div><div><div>Deposit Collection</div><div>Record successfully created.</div><div><div>Return</div><div>Create</div></div><table><thead><tr><th>Date</th><th>Payment Method</th><th>Amount</th><th></th></tr></thead><tbody><tr><td>21 May 2016</td><td>Cash</td><td>1000</td><td>Delete</td></tr></tbody></table></div></div>	Date	Payment Method	Amount		21 May 2016	Cash	1000	Delete
Date	Payment Method	Amount							
21 May 2016	Cash	1000	Delete						

2.7 Payment Collection

Action	Output Expected
<p>a. Find and click on the patient's name to begin.</p> <div><div>MRN</div><div>Name</div><div>MSU000051</div><div>SAFIYA SORAYA</div></div>	<p>You will be presented with the patient view page.</p> <div><div>Healthcare Information System</div><div><div>Patients</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div></div><div>Options</div><div><div>New Encounter</div><div>Edit Patient</div><div>Book Appointment</div><div>Preadmission</div><div>Dependant List</div><div>Deposit Collection</div><div>Payment Collection</div><div>Print Label</div></div></div>
<p>b. Click on the 'Payment Collection' link</p> <div><div>Payment Collection</div></div>	<p>You will be presented with the 'New Payment' page.</p> <div><div>Healthcare Information System</div><div>Walter White</div><div><div>Patients</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div></div><div>New Payment</div><div><div>Amount</div><div>Type</div><div>Note</div></div><div><div>Cancel</div><div>Save</div></div></div>

Action	Output Expected										
<p>c. Enter the amount and method of collection and click the Save button to continue. You may also enter some note to describe the payment.</p> <div><h3>New Payment</h3><div><div>Amount *</div><div>100</div></div><div><div>Type *</div><div>Cash</div></div><div><div>Note</div><div>Resolve outstanding bill</div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>The amount of payemnt will be saved.</p> <div><div>Healthcare Information System</div><div>Walter White ▾</div></div> <div><div>Patients</div><div>Options ▾</div></div> <div><div>SAFIYA SORAYA</div><div>MSU000051</div></div> <div><h3>Payment Collection</h3><div>Record successfully created.</div><div><div>Return</div><div>Create</div></div><table><tr><th>Date</th><th>Amount</th><th>Method</th><th>Description</th><th></th></tr><tr><td>27 June 2016, 03:02</td><td>100.00</td><td>Cash</td><td>Resolve outstanding bill</td><td>Delete</td></tr></table></div>	Date	Amount	Method	Description		27 June 2016, 03:02	100.00	Cash	Resolve outstanding bill	Delete
Date	Amount	Method	Description								
27 June 2016, 03:02	100.00	Cash	Resolve outstanding bill	Delete							

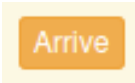
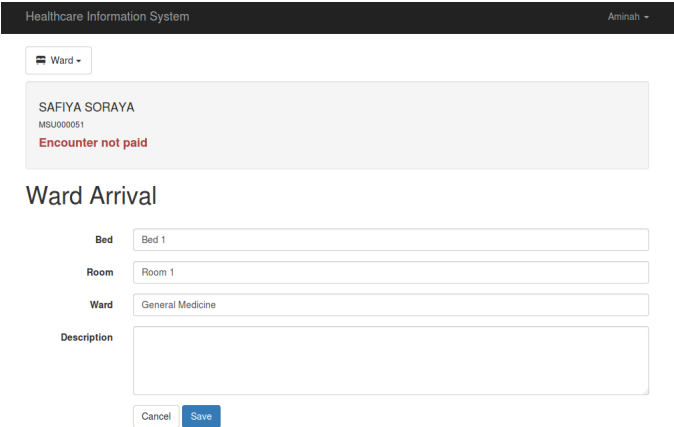
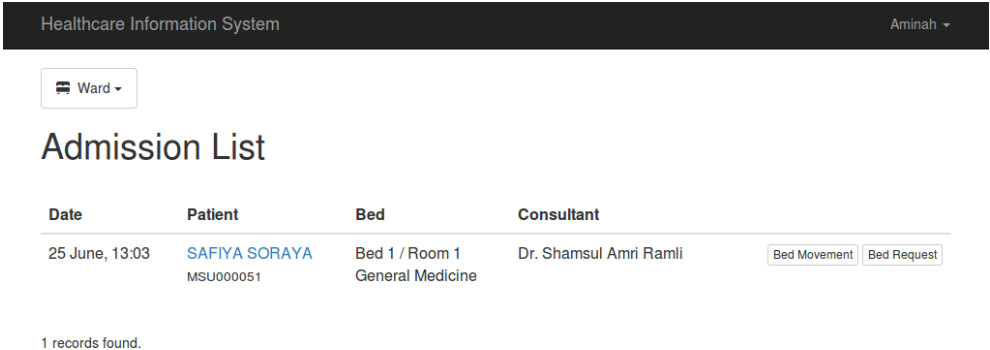
2.8 Patient Label

Action	Output Expected
<p>a. Find and click on the patient's name to begin.</p> <div> <div>MRN</div> <div>Name</div> <hr/> <div>MSU000051</div> <div>SAFIYA SORAYA</div> </div>	<p>You will be presented with the patient view page.</p> <div> <div>Healthcare Information System</div> <div> <div>Patients</div> <div>Options</div> </div> <div> <div>SAFIYA SORAYA</div> <div>MSU000051</div> </div> <div>Options</div> <div> <div>New Encounter</div> <div>Edit Patient</div> <div>Book Appointment</div> <div>Preadmission</div> <div>Dependant List</div> <div>Deposit Collection</div> <div>Payment Collection</div> <div>Print Label</div> </div> </div>
<p>b. Click on the 'Print Label' link</p> <div> <div>Print Label</div> </div>	<p>A patient label will be ready for print.</p> <div> <div>Management and Science University</div> <div> <div>SAFIYA SORAYA</div> <div>MRN : MSU000051</div> <div>ID :</div> <div>Gender : Female</div> <div>DOB : 07/10/2013</div> <div>  </div> </div> </div>

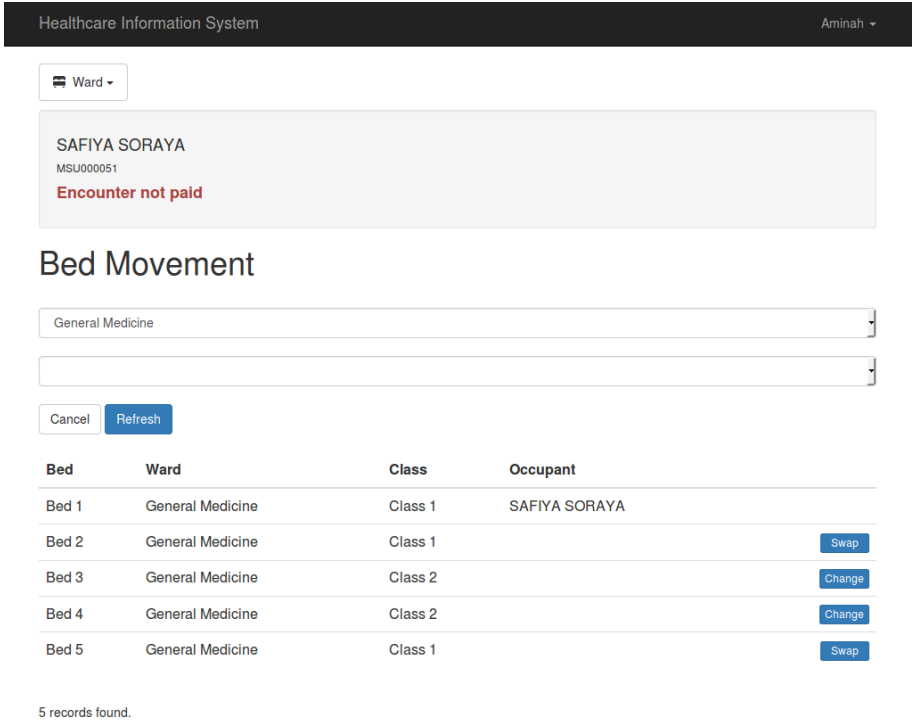
3.0 Ward Module

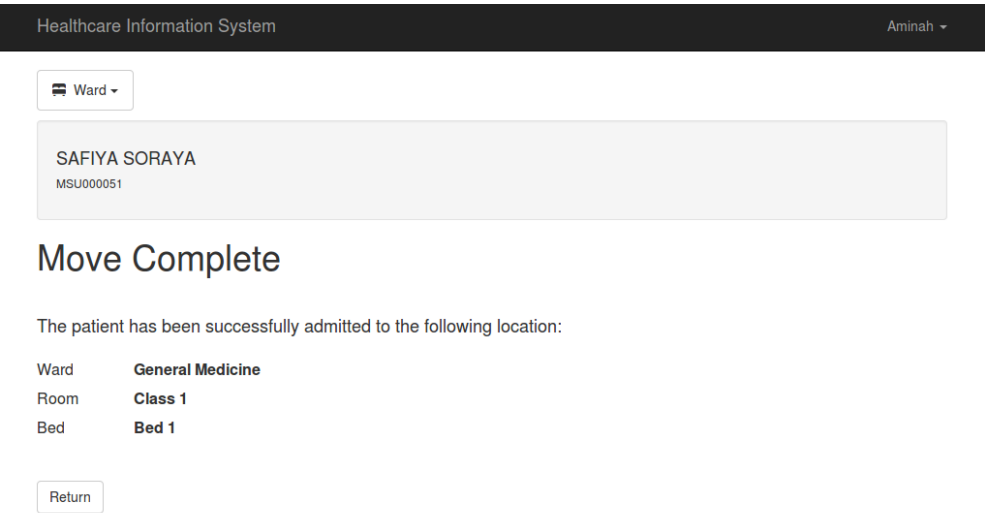
3.1 Patient Arrival

Action	Output Expected								
<p>a. Login to the system with the URL provided into the browser. Please request the URL from your system administrator if you don't have one.</p> <div><div><div>Login</div><div><div><div>Username</div><div>Password</div><div><input type="checkbox"/> Remember Me</div><div>Login</div><div>Forgot Your Password?</div></div></div></div></div> <p>Enter your login credentials in the area provided.</p>	<p>Upon successful login you will be greeted by user specific landing page. Here you should be able to see an admission list.</p> <div><div><div>Healthcare Information System</div><div>Aminah</div></div><div><div><div>Ward</div></div></div><div><div>Admission List</div><div></div><div>Search</div><table><tr><th>Date</th><th>Patient</th><th>Consultant</th><th>Bed</th></tr><tr><td>23 June, 14:06</td><td><div>SAFIYA SORAYA</div><div>MSU000051</div></td><td>Dr. Shamsul Amri Ramli</td><td><div>Bed 1 / Room 1</div><div>General Medicine</div><div>Arrive</div></td></tr></table><div>1 records found.</div></div></div>	Date	Patient	Consultant	Bed	23 June, 14:06	<div>SAFIYA SORAYA</div> <div>MSU000051</div>	Dr. Shamsul Amri Ramli	<div>Bed 1 / Room 1</div> <div>General Medicine</div> <div>Arrive</div>
Date	Patient	Consultant	Bed						
23 June, 14:06	<div>SAFIYA SORAYA</div> <div>MSU000051</div>	Dr. Shamsul Amri Ramli	<div>Bed 1 / Room 1</div> <div>General Medicine</div> <div>Arrive</div>						

Action	Output Expected
<p>b. Click on the Arrive button to confirm that the patient has reached the ward.</p> <div></div>	<p>You will be presented with the Ward Arrival page.</p> <div></div>
<p>c. Click the Save button to timestamp the patient arrival.</p>	<p>A confirmation of patient arrival will be displayed and the patient will have additional option of bed movement and request.</p> <div></div>

3.2 Bed Movement


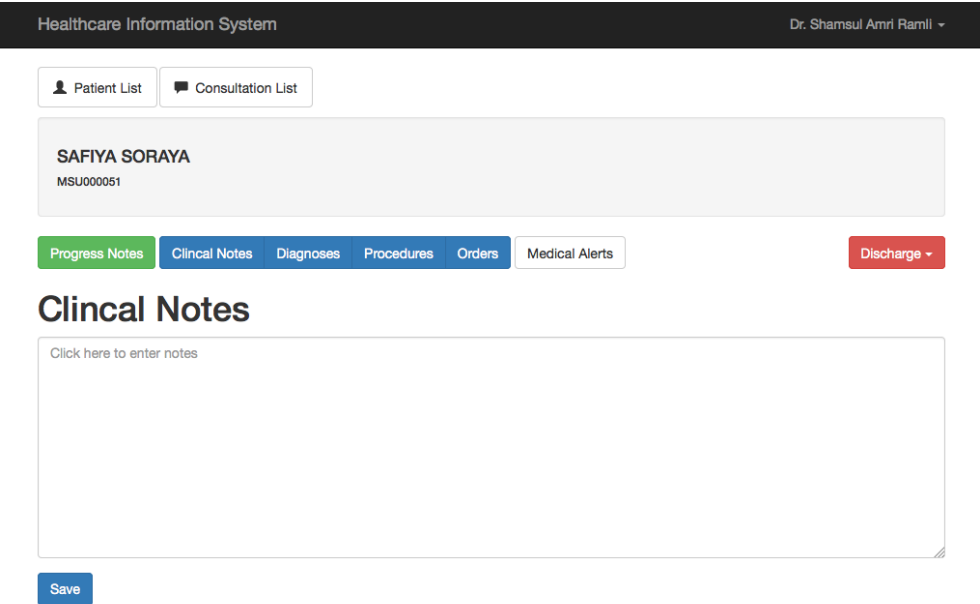
Action	Output Expected
<p>During admission patient may move around between beds or wards. Below are possibilities of movement that could occur:</p> <p>Swap – bed movement within the same ward and class</p> <p>Change – bed movement between classes within same ward</p> <p>Transfer – bed movement between wards regardless of classes</p>	
a. Click on Bed Movement button	<p>You will be presented with the Bed Movement page.</p> 

Action	Output Expected
b. Clicking on any of the button (Swap, Change or Transfer) will immediately initiate the movement.	<p>Upon completion you will be presented with a confirmation page of the move.</p>  <p>The screenshot shows a confirmation page titled 'Move Complete'. At the top, there is a dark header bar with 'Healthcare Information System' on the left and a user profile 'Aminah' with a dropdown arrow on the right. Below the header, there is a button labeled 'Ward' with a bus icon. Underneath, a light gray box displays the patient's name 'SAFIYA SORAYA' and ID 'MSU000051'. The main heading 'Move Complete' is followed by the text 'The patient has been successfully admitted to the following location:'. Below this, the location details are listed: Ward: General Medicine, Room: Class 1, and Bed: Bed 1. At the bottom, there is a 'Return' button.</p>

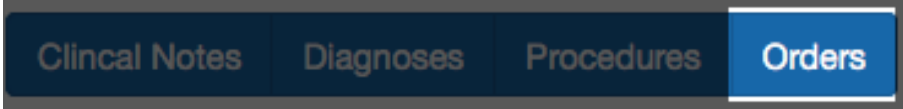
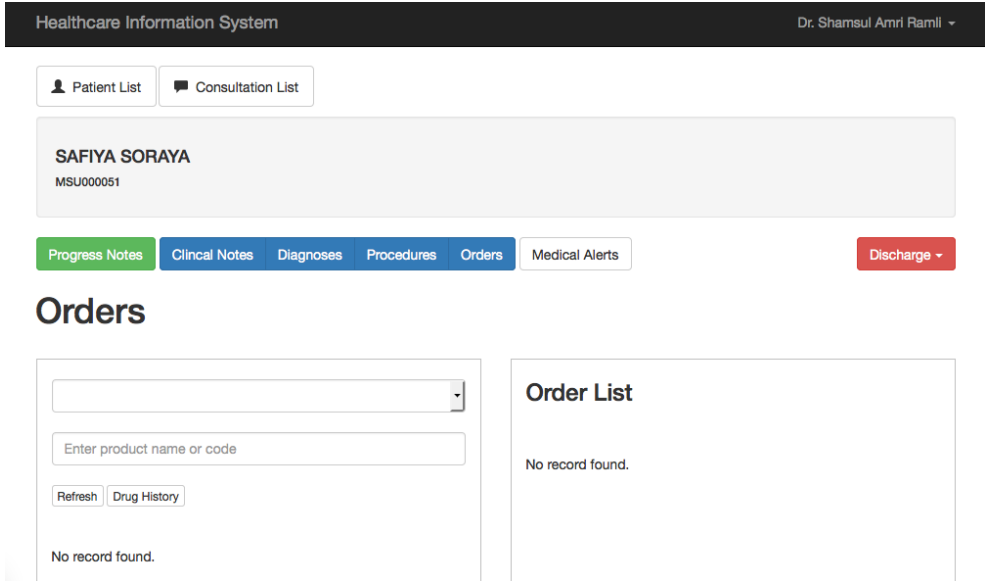
4.0 Consultation Module

4.1 Consultation

Action	Output Expected										
<p>a. Login to the system with the URL provided into the browser. Please request the URL from your system administrator if you don't have one.</p> <div><div><div>Login</div><div><div>Username</div><div>Password</div><div><input type="checkbox"/> Remember Me</div><div>Login</div><div>Forgot Your Password?</div></div></div></div> <p>Enter your login credentials in the area provided.</p>	<p>Upon successful login you will be greeted by user specific landing page. Here you should be able to see patients waiting to see you.</p> <div><div><div>Healthcare Information System</div><div>Dr. Shamsul Amri Ramli</div></div><div><div><div>Patient List</div><div>Consultation List</div></div><div><div>Patient List</div><div><div><div>Outpatient</div><table><tr><th>Date</th><th>MRN</th><th>Patient</th><th>Room</th><th></th></tr><tr><td>22 June, 15:46</td><td>MSU000051</td><td>SAFIYA SORAYA</td><td>Consultation Room 01</td><td><div>Start Consultation</div></td></tr></table></div><div><div>Inpatient</div><div>No case</div></div></div></div></div></div>	Date	MRN	Patient	Room		22 June, 15:46	MSU000051	SAFIYA SORAYA	Consultation Room 01	<div>Start Consultation</div>
Date	MRN	Patient	Room								
22 June, 15:46	MSU000051	SAFIYA SORAYA	Consultation Room 01	<div>Start Consultation</div>							

Action	Output Expected
<p>b. Click on the Start Consultation button to begin treatment for the selected patient.</p> 	<p>You will be presented with the first process of consultation which is the Clinical Notes option.</p> 

Action	Output Expected
<p>c. Here you may enter the patient complain, physical examination findings or any other relevant notes. Click Save button to proceed.</p> <div> <h3>Clinical Notes</h3> <div> <p>Patient complain of fever and cough for 2 days.</p> <p>On examination</p> <p>Temperature 38 degrees <u>celcius</u></p> <p>Throat injected</p> <p>Lung clear</p> </div> <div>Save</div> </div>	<p>Upon successful you will be presented with the Diagnoses page.</p> <div> <div>Healthcare Information SystemDr. Shamsul Amri Ramli ▾</div> <div> <div>Patient List</div> <div>Consultation List</div> </div> <div> <div>SAFIYA SORAYA</div> <div>MSU000051</div> </div> <div> <div>Progress Notes</div> <div>Clinical Notes</div> <div>Diagnoses</div> <div>Procedures</div> <div>Orders</div> <div>Medical Alerts</div> <div>Discharge ▾</div> </div> <h3>Diagnoses</h3> <div> <div>Diagnosis</div> <div></div> </div> <div> <div>Type</div> <div></div> </div> <div> <div>Cancel</div> <div>Save</div> </div> </div>
<p>d. Enter your diagnosis into the text area provided and click Save to proceed. You may also tag the diagnosis as either 'Principal Diagnosis' or 'Co-morbidity'.</p> <div> <h3>Diagnoses</h3> <div> <div>Diagnosis</div> <div>Upper respiratory tract infection</div> </div> <div> <div>Type</div> <div>Principal Diagnosis</div> </div> <div> <div>Cancel</div> <div>Save</div> </div> </div>	<p>Upon successful the new diagnosis will be added to list. You may continue to add more diagnosis by clicking the Create button.</p> <div> <h3>Diagnoses</h3> <div>Record successfully created.</div> <div>Create</div> <div> <div>22 June 2016</div> <div>Upper respiratory tract infection</div> <div>Delete</div> </div> </div>

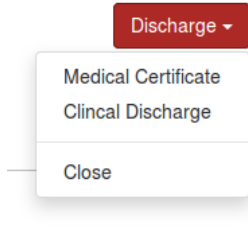
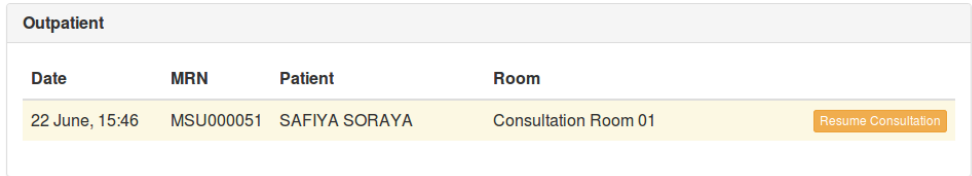
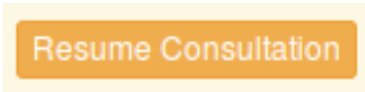
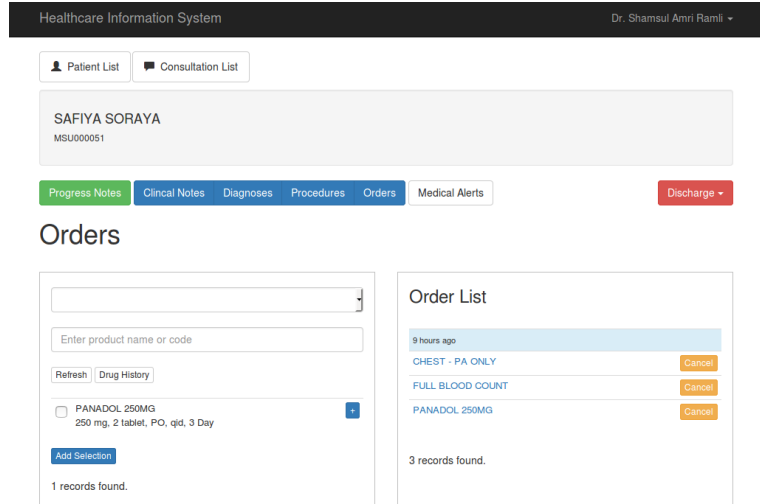
Action	Output Expected
<p>e. Click on the Orders button to make orders for the patient.</p> 	<p>You will be presented with the patient order page. Here you will be able to make orders for investigation, procedure, drugs or any other services available in your facility.</p> 

Action	Output Expected
<p>e. When making orders, you have 2 ways on how to find the required item. Lets begin with the first option first. Type 'Panadol' into the search box and press Enter.</p> <div><h3>Orders</h3><div><div></div><div>Enter product name or code</div><div><div>Refresh</div><div>Drug History</div></div></div></div>	<p>You will see the items shortlisted immediately below the search box.</p> <div><h3>Orders</h3><div><div></div><div>Panadol</div><div><div>Refresh</div><div>Drug History</div></div><div><div><input type="checkbox"/></div><div>PANADOL 250MG</div><div><div>+</div></div></div><div><div><input type="checkbox"/></div><div>PANADOL 500MG</div><div><div>+</div></div></div><div><div>Add Selection</div></div><div>2 records found.</div></div></div>
<p>f. Click on the Add button at the end of each item to add the selected item to the Order List.</p> <div><div>+</div></div>	<p>The item will be added to the Order List.</p> <div><h3>Order List</h3><div><div>3 hours ago</div><div><div>PANADOL 250MG</div><div>Delete</div></div></div><div>1 records found.</div></div>

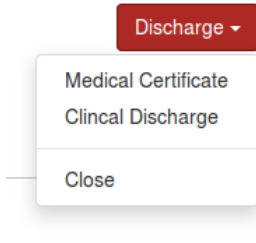
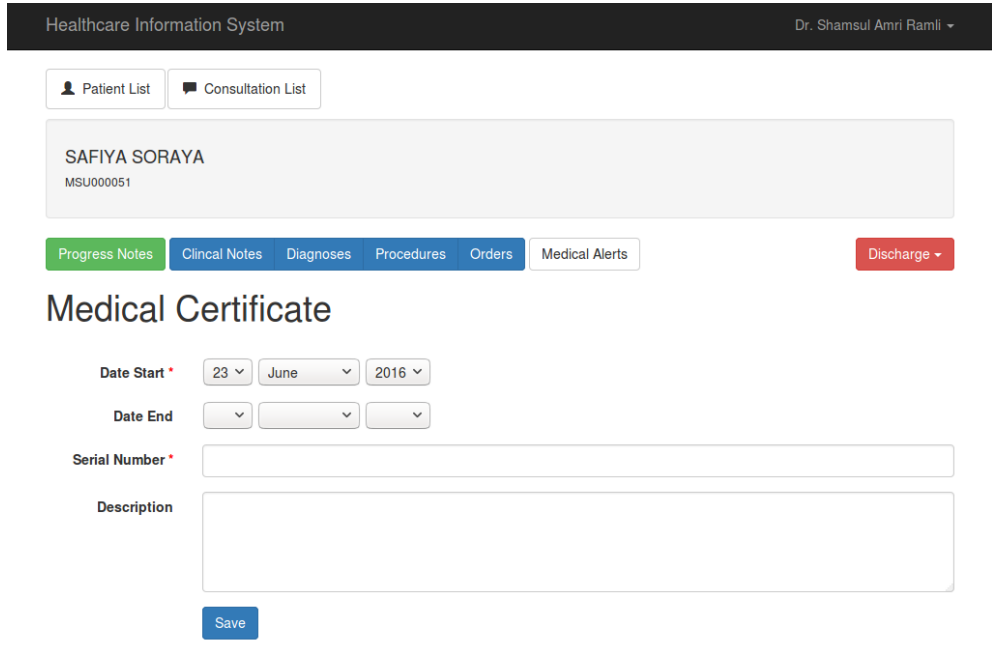
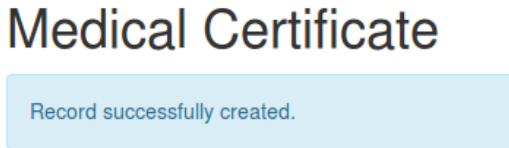
Action	Output Expected
<p>g. Click on the item inside the Order List if you wish to change its order parameters.</p> <div data-bbox="327 357 902 635"> <h3>Order List</h3> <div>3 hours ago</div> <div>PANADOL 250MG Delete</div> <p>1 records found.</p> </div>	<p>Item such as drugs will have a default order parameters which can be added through the Inventory module.</p> <div data-bbox="1296 357 1865 1300"> <h3>PANADOL 250mg</h3> <div> Cancel Save </div> <div> <div> Strength <input type="text" value="250"/> </div> <div> <input type="text" value="mg"/> </div> </div> <div> <div> Dosage <input type="text" value="2"/> </div> <div> <input type="text" value="tablet"/> </div> </div> <div> <div> Route <input type="text" value="PO"/> </div> <div> Frequency <input type="text" value="qid"/> </div> </div> <div> <div> Duration <input type="text" value="3"/> </div> <div> Period <input type="text" value="Day"/> </div> </div> <div> <div> Total Unit <input type="text" value="24"/> </div> <div> PRN <input checked="" type="checkbox"/> </div> </div> <div> <div> After Meal <input checked="" type="checkbox"/> </div> <div> Discharge Order <input type="checkbox"/> </div> </div> <div> Description <input type="text"/> </div> <div> Cancel Save </div> </div>

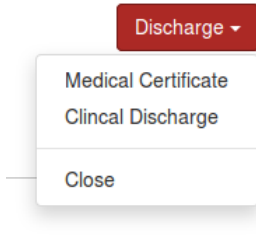
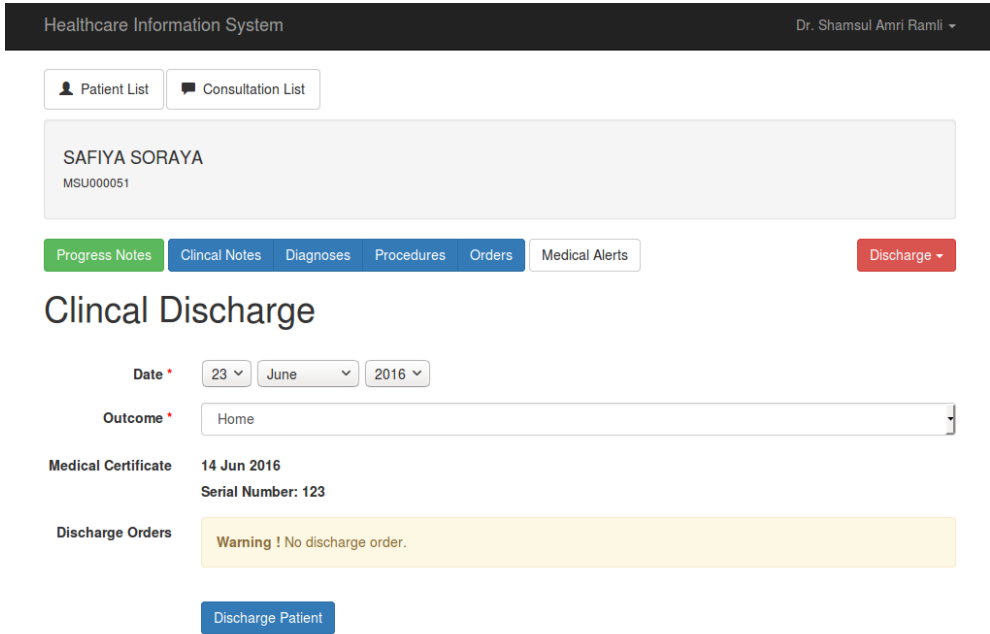
Action	Output Expected
<p>h. Another method of adding item to the order list is to user the Order Sets feature. To access this feature click on the dropdown menu immediately above the search text box.</p> <div><h3>Orders</h3><div><div></div><div>Enter product name or code</div></div></div> <p>Select 'Upper respiratory tract infection' from the menu and click the Refresh button.</p>	<p>A new item list will be populated related to the selected order sets.</p> <div><h3>Orders</h3><div><div>Upper respiratory tract infection</div><div>Enter product name or code</div><div><div>Refresh</div><div>Drug History</div></div><div><div><div><input type="checkbox"/> CHEST - PA ONLY</div><div>+</div></div><div><input type="checkbox"/> FULL BLOOD COUNT</div><div>+</div></div><div><input type="checkbox"/> PANADOL 500MG</div><div>+</div></div><div><input type="checkbox"/> THYMOL GARGLE LIQUID 100ML</div><div>+</div></div> <div><div>Add Selection</div></div> <div>4 records found.</div>

Action	Output Expected
<p>i. You may also do a multi selection to speed up the order process. Click on the items show below and click on the Add Selection but- ton to proceed.</p> <div><h2>Orders</h2><div><div>Upper respiratory tract infection</div><div>Enter product name or code</div><div><div>Refresh</div><div>Drug History</div></div><div><div><div><input checked="" type="checkbox"/> CHEST - PA ONLY</div><div>+</div></div><div><div><input checked="" type="checkbox"/> FULL BLOOD COUNT</div><div>+</div></div><div><div><input type="checkbox"/> PANADOL 500MG</div><div>+</div></div><div><div><input type="checkbox"/> THYMOL GARGLE LIQUID 100ML</div><div>+</div></div></div><div><div>Add Selection</div></div><div>4 records found.</div></div></div> <p>The selected items will be added to the Order List.</p> <div><div><h2>Order List</h2><div>9 hours ago</div><div><div>CHEST - PA ONLY</div><div>Delete</div></div><div><div>FULL BLOOD COUNT</div><div>Delete</div></div><div><div>PANADOL 250MG</div><div>Delete</div></div></div><div>3 records found.</div></div>	

Action	Output Expected
<p>j. In some cases you may need to suspend the consultation because the patient requires to perform investigation or procedures ordered. For example in this case full blood count. Click on the Discharge dropdown button and click on the Close option.</p>  <p>NOTE: For inpatient cases the Close option also acts to end each consultation so that new orders can be executed.</p>	<p>You will be returned to the Patient List page. Now the case has been put on hold until the patient completes the investigation.</p> <h3>Patient List</h3> 
<p>k. Once the patient return you may proceed with the consultation by pressing the Resume Consultation button and go to the Order section again.</p> 	<p>Previous ordered items will be listed.</p> 


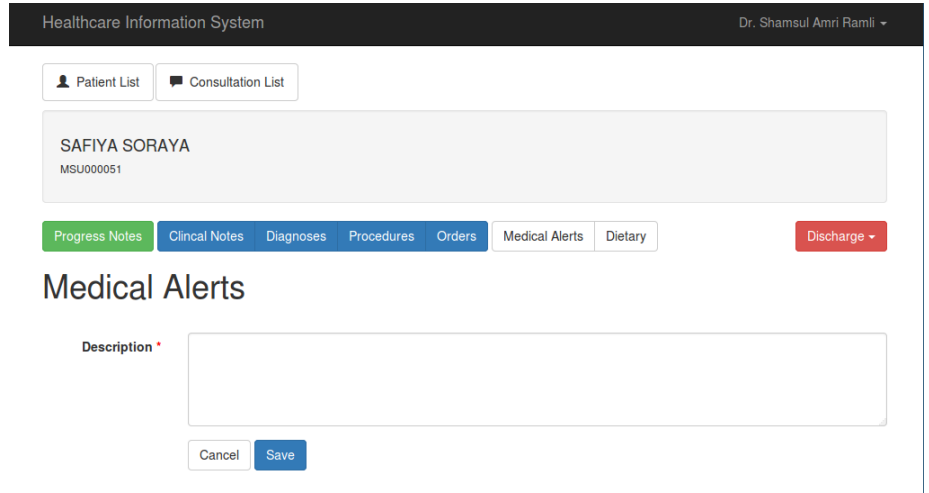
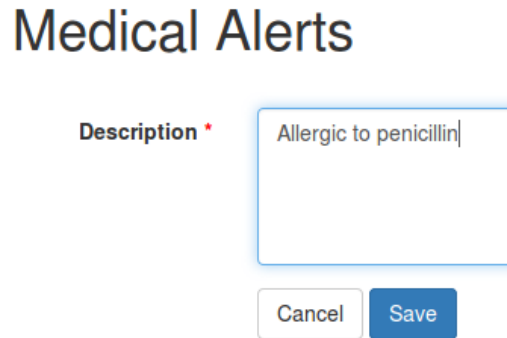
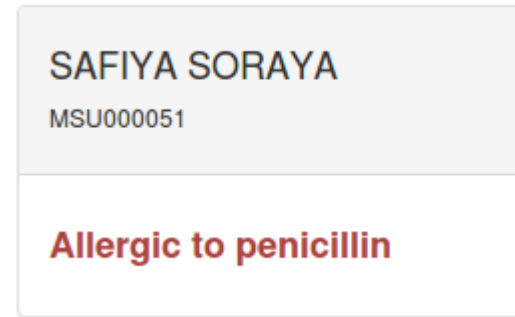
Action	Output Expected
<p>I. Click on 'Full Blood Count' to view the investigation result.</p> <div><div>Order List</div><div><div>9 hours ago</div><div><div>CHEST - PA ONLY</div><div>Cancel</div></div><div><div>FULL BLOOD COUNT</div><div>Cancel</div></div><div><div>PANADOL 250MG</div><div>Cancel</div></div></div><div>3 records found.</div></div>	<p>Investigation result will be reported here.</p> <div><div>Order Report</div><div><div>Product</div><div>FULL BLOOD COUNT</div></div><div><div>Code</div><div>LAB-FBC</div></div><div><div>Report</div><div><div>WBC: 11</div></div></div><div>Close</div></div>

Action	Output Expected
<p>m. Before you discharge the patient you may want to provide Medical Certificate for the patient. Click on the Discharge button again and choose Medical Certificate.</p> 	<p>You will be presented with the Medical Certificate page.</p> 
<p>n. Enter the relevant information pertaining to the certificate and click the Save button to continue.</p>	<p>You will be prompted of the saved record.</p> 

Action	Output Expected
<p>o. Now click the Discharge dropdown button and click Clinical Discharge to complete the discharge process.</p> 	<p>You will be presented with the Clinical Discharge page.</p>  <p>By default the discharge date and outcome will be automatically filled. However you may change the values. You will also noticed that there is no discharge order. If you wish to add discharge orders you may click on the Order button again to add and return to this page when done.</p>

Action	Output Expected
<p>p. Confirm that all the discharge information are correct and click on the Discharge Patient button to finally close the case.</p> <div><div>Discharge Patient</div></div>	<p>You will be returned to the Patient List page and the patient has been clinically discharged.</p> <div><div>Healthcare Information System</div><div>Dr. Shamsul Amri Ramli ▾</div><div><div><div><div></div></div><div>Patient List</div></div><div><div><div></div></div><div>Consultation List</div></div></div><div><div>Patient List</div><div>Patient has been discharged.</div><div><div>Outpatient</div><div>No case</div></div></div></div>

4.1 Medical Alerts





Action	Output Expected
<p>a. Click on the Medical Alert button if you wish to inform others of any important condition that the patient might have.</p> 	<p>You will be presented with the Medical Alerts page.</p> 
<p>b. Enter the following information into the text area and click the Save button to proceed.</p> 	<p>Once saved the information you entered will appear in the patient label.</p> 

Action	Output Expected
<p>c. You may continue to add more by clicking on the Create button.</p>	

4.2 Dietary

5.0 Billing Module

Action	Output Expected																																	
<p>a. Login to the system with the URL provided into the browser. Please request the URL from your system administrator if you don't have one.</p> <div><div>Login</div><div><div>Username</div><div>Password</div><div><input type="checkbox"/> Remember Me</div><div>Login</div><div>Forgot Your Password?</div></div></div> <p>Enter your login credentials in the area provided.</p>	<p>Upon successful login you will be greeted by user specific landing page:</p> <div><div>Healthcare Information System</div><div>Hidayat</div><div><div>Patients</div><div>Discharges</div><div>Options</div></div><div>Patient List</div><div><div>Enter name, identification or MRN</div><div>Search</div></div><table><tr><th>MRN</th><th>Name</th><th>Identification</th></tr><tr><td>MSU000051</td><td>SAFIYA SORAYA</td><td></td></tr><tr><td>MSU000036</td><td>SYASYA SORFINA</td><td></td></tr><tr><td>MRN000035</td><td>Abu Bin Ali</td><td></td></tr><tr><td>MRN000034</td><td>Sharif Adli</td><td>030530101234</td></tr><tr><td>MRN000033</td><td>Mohamad Bin Abdullah</td><td></td></tr><tr><td>MRN000032</td><td>Abdul Halim</td><td></td></tr><tr><td>MRN000029</td><td>Salwa Sorhana</td><td></td></tr><tr><td>MSU000028</td><td>John Doe</td><td></td></tr><tr><td>MSU000027</td><td>JANE DOE</td><td></td></tr><tr><td>MRN000023</td><td>Shamsul Amri Ramli</td><td>730131035487</td></tr></table><div><div>1</div><div>2</div></div><p>11 records found.</p></div>	MRN	Name	Identification	MSU000051	SAFIYA SORAYA		MSU000036	SYASYA SORFINA		MRN000035	Abu Bin Ali		MRN000034	Sharif Adli	030530101234	MRN000033	Mohamad Bin Abdullah		MRN000032	Abdul Halim		MRN000029	Salwa Sorhana		MSU000028	John Doe		MSU000027	JANE DOE		MRN000023	Shamsul Amri Ramli	730131035487
MRN	Name	Identification																																
MSU000051	SAFIYA SORAYA																																	
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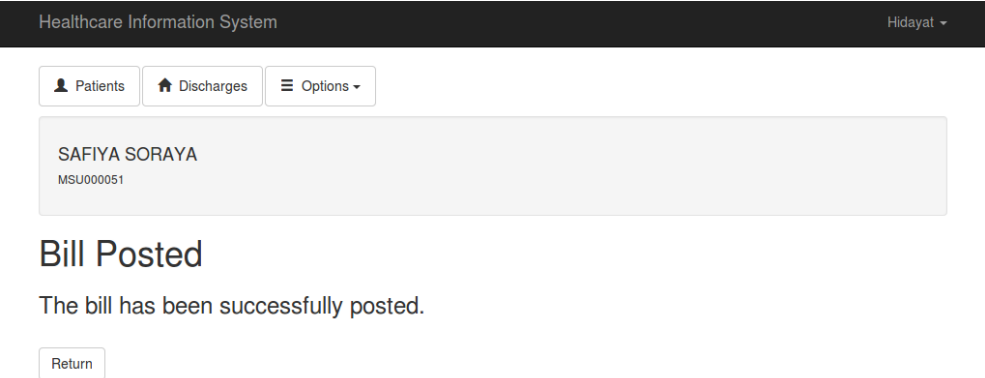
Action	Output Expected										
<p>b. Click on the Discharge button to view all discharge cases.</p> <div><div> Discharges</div></div>	<p>You will be presented with the Discharge List page.</p> <div><div>Healthcare Information System<div>Hidayat ▾</div></div><div><div><div> Patients</div><div> Discharges</div><div> Options ▾</div></div></div><div>Discharge List</div><div><div>Find</div></div><div>Create</div><table><tr><th>MRN</th><th>Name</th><th>Type</th><th>Date</th><th></th></tr><tr><td>MSU000051</td><td>SAFIYA SORAYA</td><td>Home</td><td>23 June 2016, 02:16</td><td>Final Bill</td></tr></table><p>1 records found.</p></div>	MRN	Name	Type	Date		MSU000051	SAFIYA SORAYA	Home	23 June 2016, 02:16	Final Bill
MRN	Name	Type	Date								
MSU000051	SAFIYA SORAYA	Home	23 June 2016, 02:16	Final Bill							

Action	Output Expected																																									
<p>c. Click on the Final Bill button to view detail billing information.</p> <div><div>Final Bill</div></div>	<p>You will be presented with the billing details of the selected patient.</p> <div><div>Healthcare Information System<div>Hidayat</div></div><div><div>Patients</div><div>Discharges</div><div>Options</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>Encounter not paid</div></div><div><div>Final Bill</div><div><div>Back</div><div>Print Medical Certificate</div><div>Print Tax Invoice</div><div>Reload Bill</div></div><table><tr><th>Item</th><th>Tax Code</th><th>Tax Rate</th><th>Quantity</th><th>Unit Price</th><th>Discount(%)</th><th>Total</th></tr><tr><td>PANADOL 250mg</td><td>SR</td><td>6 %</td><td>24</td><td>0.32</td><td></td><td>7.68</td></tr><tr><td>Chest - PA only</td><td></td><td></td><td>1</td><td>45.00</td><td></td><td>45.00</td></tr><tr><td>FULL BLOOD COUNT</td><td></td><td></td><td>1</td><td>25.00</td><td></td><td>25.00</td></tr><tr><td colspan="6">Grand Total</td><td>77.68</td></tr></table><div><div>GST Summary</div><table><tr><th>Amount (RM)</th><th>GST (RM)</th></tr><tr><td>SR</td><td>7.20</td></tr><tr><td></td><td>0.48</td></tr></table></div><div><div>Payments</div><div>No payment collected.</div><div>New Payment</div><div><div>Deposits</div><div>0.00</div><div>Outstanding</div><div>-77.68</div></div></div><div><div><input type="checkbox"/> I have confirmed that all the information above are correct. Warning this process cannot be reversed.</div><div>Post Payment</div></div></div></div>	Item	Tax Code	Tax Rate	Quantity	Unit Price	Discount(%)	Total	PANADOL 250mg	SR	6 %	24	0.32		7.68	Chest - PA only			1	45.00		45.00	FULL BLOOD COUNT			1	25.00		25.00	Grand Total						77.68	Amount (RM)	GST (RM)	SR	7.20		0.48
Item	Tax Code	Tax Rate	Quantity	Unit Price	Discount(%)	Total																																				
PANADOL 250mg	SR	6 %	24	0.32		7.68																																				
Chest - PA only			1	45.00		45.00																																				
FULL BLOOD COUNT			1	25.00		25.00																																				
Grand Total						77.68																																				
Amount (RM)	GST (RM)																																									
SR	7.20																																									
	0.48																																									
	<p>From here you will be able to edit the line items, print tax invoice and collect payment from the patient.</p>																																									

Action	Output Expected
<p>b. If you wish to edit any line item click on any of the item name.</p> <div><div>Item</div><div>PANADOL 250mg</div><div>Chest - PA only</div><div>FULL BLOOD COUNT</div></div>	<p>The item billing information will be revealed.</p> <div><div>Healthcare Information System<div>Hidayat</div></div><div><div><div><div></div>Patients</div><div><div></div>Discharges</div><div><div></div>Options</div></div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>Encounter not paid</div></div><div><div>Edit Bill</div><div><div>Product</div><div>PANADOL 250mg</div></div><div><div>Unit Price</div><div>0.32</div></div><div><div>Quantity</div><div>24</div></div><div><div>Discount</div><div>0.00</div></div><div><div>Exempted</div><div><input type="checkbox"/></div></div><div><div>Cancel</div><div>Save</div></div></div></div> <p>You may edit the quantity, discount percentage and payment exemption of the item.</p>
<p>c. Click the Save button to update the information and return to the main billing page. Continue to update any other item if required.</p>	

Action	Output Expected
<p>d. To accept payment from patients click on the New Payment button.</p> <div><div>New Payment</div></div>	<p>You will be presented with the Payment Collection page.</p> <div><div>Healthcare Information System</div><div>Hidayat ▾</div><div><div>Patients</div><div>Discharges</div><div>Options ▾</div></div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>Encounter not paid</div></div><div>New Collection</div><div><div>Amount *</div><div>Type *</div><div>Note</div></div><div><div>Cancel</div><div>Cancel</div><div>Save</div></div></div>
<p>e. Enter the following information and click Save button to proceed.</p> <div><div>Payment Collection</div><div><div>Amount *</div><div>100</div><div>Type *</div><div>Cash</div><div>Note</div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>The payment information will be updated.</p> <div><div>Payments</div><div>New Payment</div><div><div>Cash</div><div>100.00</div><div>Delete</div></div><div><div>Total Receive</div><div>100.00</div></div><div><div>Deposits</div><div>0.00</div></div><div><div>Change</div><div>22.32</div></div></div>

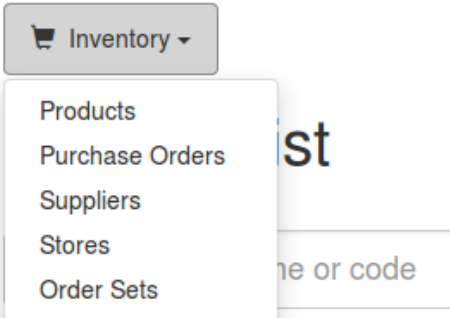
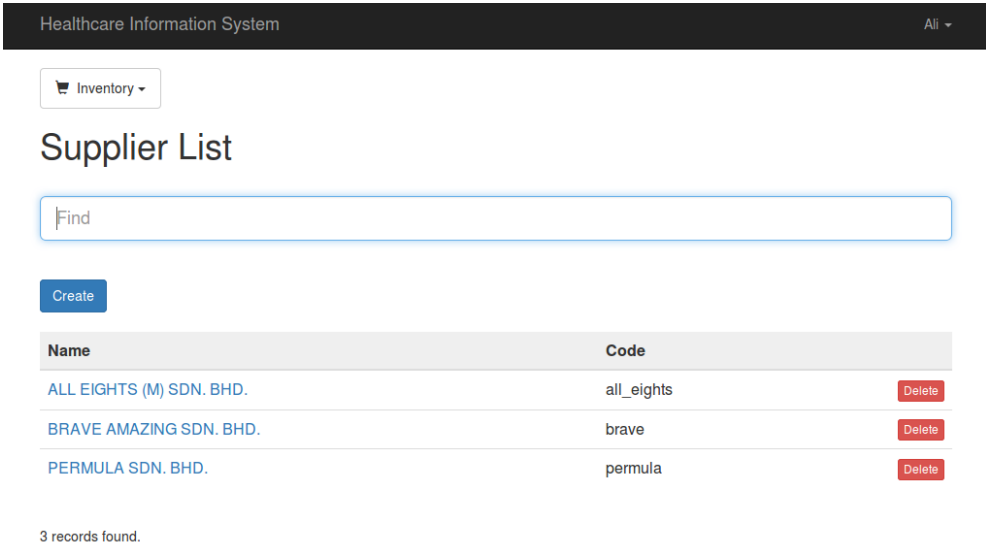
Action	Output Expected																																			
<p>f. You may print the billing details by clicking on the Print Tax Invoice button.</p> <div><div>Print Tax Invoice</div></div>	<p>An invoice will be prepared for print-out.</p> <div><div><div>Tax Invoice</div><div><div><div>SAFIYA SORAYA</div><div>MSU000051</div><div>No 13 Jalan 7/3D Seksyen 7 43650 Bandar Baru Bangi Selangor</div></div><table><tr><th>Item</th><th>Tax Code</th><th>Tax Rate</th><th>Quantity</th><th>Unit Price</th><th>Discount</th><th>Total</th></tr><tr><td>PANADOL 250MG</td><td>SR</td><td>6.00</td><td>24</td><td>0.32</td><td></td><td>7.68</td></tr><tr><td>CHEST - PA ONLY</td><td></td><td></td><td>1</td><td>45.00</td><td></td><td>45.00</td></tr><tr><td>FULL BLOOD COUNT</td><td></td><td></td><td>1</td><td>25.00</td><td></td><td>25.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>77.68</td></tr></table><div><div><div>GST Summary</div><div>GST Amount (RM)</div><div>GST (RM)</div></div><div><div>SR</div><div>7.68</div><div>0.48</div></div></div></div></div></div>	Item	Tax Code	Tax Rate	Quantity	Unit Price	Discount	Total	PANADOL 250MG	SR	6.00	24	0.32		7.68	CHEST - PA ONLY			1	45.00		45.00	FULL BLOOD COUNT			1	25.00		25.00							77.68
Item	Tax Code	Tax Rate	Quantity	Unit Price	Discount	Total																														
PANADOL 250MG	SR	6.00	24	0.32		7.68																														
CHEST - PA ONLY			1	45.00		45.00																														
FULL BLOOD COUNT			1	25.00		25.00																														
						77.68																														
<p>g. You may also print Medical Certificate entered earlier by clicking on the Print Medical Certificate button.</p>	<p>A medical certificate will be prepared for print-out.</p> <div><div><div><div>Management and Science University</div><div>Medical Certificate</div><div>SAFIYA SORAYA</div><div><div>MRN</div><div>:</div><div>MSU000051</div></div><div><div>ID</div><div>:</div><div>123456</div></div><div><div>Start</div><div>:</div><div>23/06/2016</div></div><div><div>End</div><div>:</div><div>N/A</div></div><div><div>Provider</div><div>:</div><div>Dr. Shamsul Amri Ramli</div></div></div></div></div>																																			

Action	Output Expected
<p>h. Once you are satisfy with the bill you may post the information by confirming the that all the information are correct and click the Post Payment button.</p> <p>Warning this process is irreversible. Please make sure the details are correct before posting.</p>	<p>A confirmation page will be presented.</p> 

6.0 Inventory Module

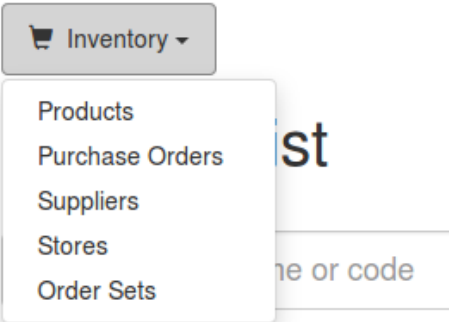
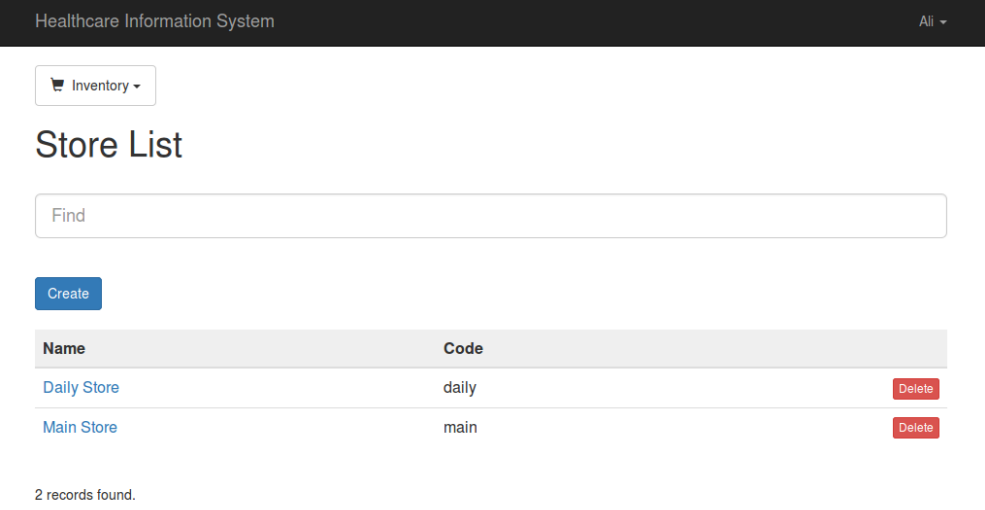

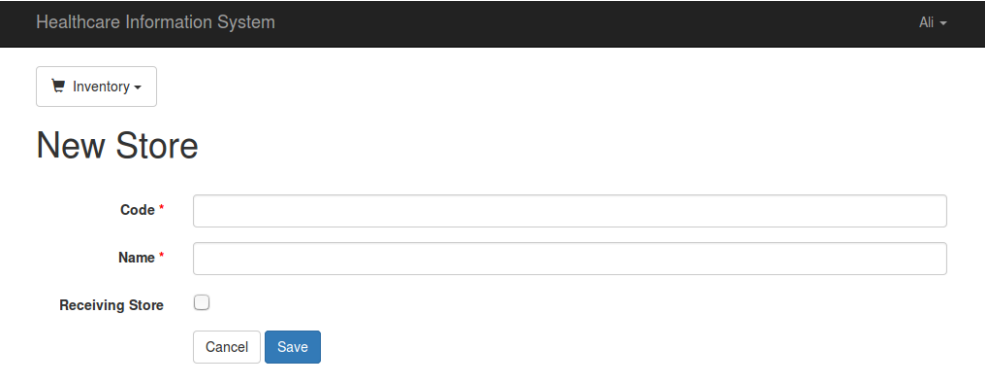
6.1 Supplier Registration

Action	Output Expected																																	
<p>a. Login to the system with the URL provided into the browser. Please request the URL from your system administrator if you don't have one.</p> <div><div>Login</div><div><div>Username</div><div>Password</div><div><input type="checkbox"/> Remember Me</div><div>Login</div><div>Forgot Your Password?</div></div></div> <p>Enter your login credentials in the area provided.</p>	<p>Upon successful login you will be greeted by user specific landing page:</p> <div><div>Healthcare Information System</div><div>Ali</div><div><div>Inventory</div><div>New Product</div></div><div><div>Enter product name or code</div><div>Search</div></div><table><tr><th>Code</th><th>Name</th><th>On Hand</th></tr><tr><td>02_DE001_01</td><td>AERIUS</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>07_AM003_01</td><td>AUGMENTINE</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>07_AM004_01</td><td>AUGMENTINE</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>02_OL001_01</td><td>AZOREN</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>06_BE001_01</td><td>BECLATE 100</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>06_SA004_01</td><td>DUOFILM</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>02_SI002_01</td><td>JANUMET</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>02_FL002_01</td><td>SIBELIUM</td><td><div>Bill of Materials</div><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>07_CE001_01</td><td>ZINNAT</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr><tr><td>07_CE002_01</td><td>ZINNAT</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr></table><div><div>«</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>...</div><div>453</div><div>454</div><div>»</div></div><p>4537 records found.</p></div>	Code	Name	On Hand	02_DE001_01	AERIUS	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	07_AM003_01	AUGMENTINE	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	07_AM004_01	AUGMENTINE	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	02_OL001_01	AZOREN	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	06_BE001_01	BECLATE 100	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	06_SA004_01	DUOFILM	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	02_SI002_01	JANUMET	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	02_FL002_01	SIBELIUM	<div>Bill of Materials</div> <div>Prescription</div> <div>Stock</div> <div>Delete</div>	07_CE001_01	ZINNAT	<div>Prescription</div> <div>Stock</div> <div>Delete</div>	07_CE002_01	ZINNAT	<div>Prescription</div> <div>Stock</div> <div>Delete</div>
Code	Name	On Hand																																
02_DE001_01	AERIUS	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
07_AM003_01	AUGMENTINE	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
07_AM004_01	AUGMENTINE	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
02_OL001_01	AZOREN	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
06_BE001_01	BECLATE 100	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
06_SA004_01	DUOFILM	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
02_SI002_01	JANUMET	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
02_FL002_01	SIBELIUM	<div>Bill of Materials</div> <div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
07_CE001_01	ZINNAT	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																
07_CE002_01	ZINNAT	<div>Prescription</div> <div>Stock</div> <div>Delete</div>																																

Action	Output Expected												
<p>b. Click on the Supplier option under the Inventory button.</p> 	<p>You will be presented with the Supplier List page.</p>  <p>Healthcare Information System</p> <p>Inventory</p> <h3>Supplier List</h3> <p>Find</p> <p>Create</p> <table><tr><th>Name</th><th>Code</th><th></th></tr><tr><td>ALL EIGHTS (M) SDN. BHD.</td><td>all_eights</td><td>Delete</td></tr><tr><td>BRAVE AMAZING SDN. BHD.</td><td>brave</td><td>Delete</td></tr><tr><td>PERMULA SDN. BHD.</td><td>permula</td><td>Delete</td></tr></table> <p>3 records found.</p>	Name	Code		ALL EIGHTS (M) SDN. BHD.	all_eights	Delete	BRAVE AMAZING SDN. BHD.	brave	Delete	PERMULA SDN. BHD.	permula	Delete
Name	Code												
ALL EIGHTS (M) SDN. BHD.	all_eights	Delete											
BRAVE AMAZING SDN. BHD.	brave	Delete											
PERMULA SDN. BHD.	permula	Delete											

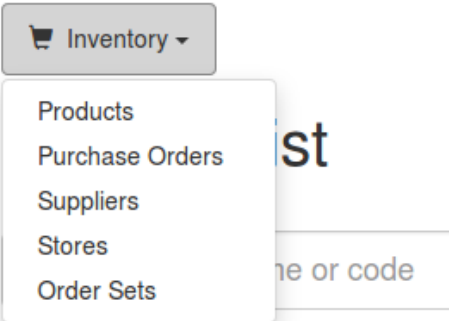
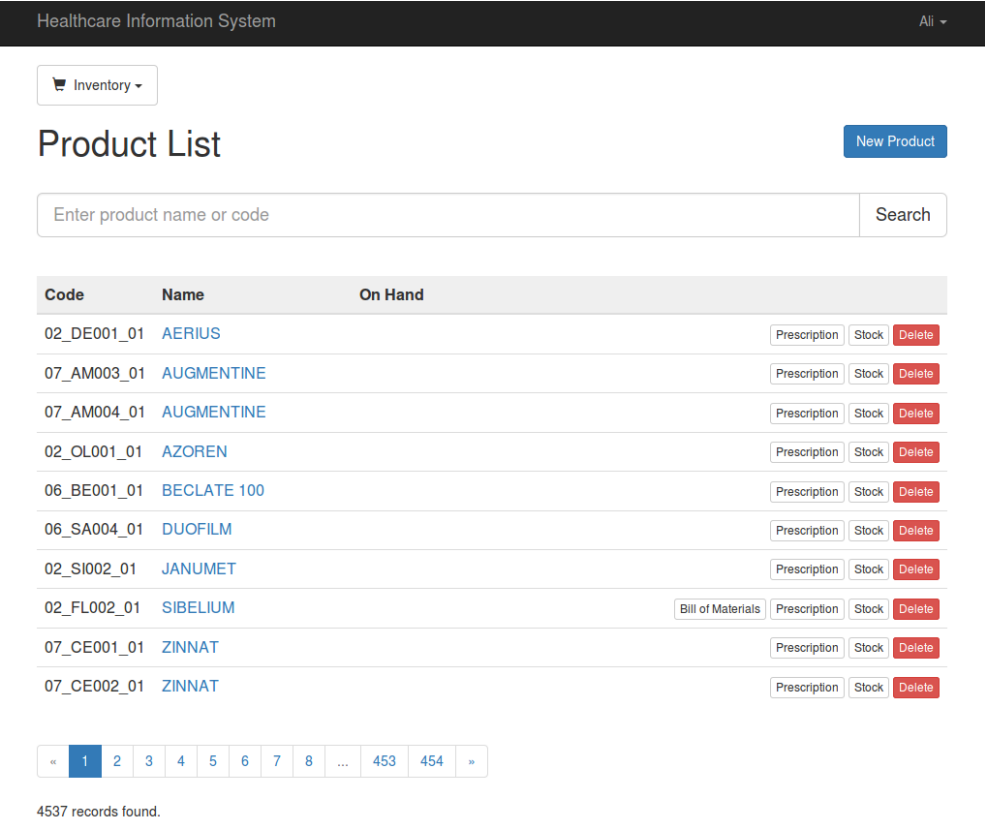
Action	Output Expected
<p>c. Click on the Create button to add new supplier.</p> <div><div>Create</div></div>	<p>You will be presented with an empty supplier page screen.</p> <div><div>Healthcare Information System</div><div>All</div><div>Inventory</div><div>New Supplier</div><div><div>Code *</div><div></div></div><div><div>Name *</div><div></div></div><div>Address</div><div><div>Street 1</div><div></div></div><div><div>Street 2</div><div></div></div><div><div>City</div><div></div></div><div><div>Postcode</div><div></div></div><div><div>State</div><div></div></div><div><div>Country</div><div></div></div><div>Contact Information</div><div><div>Phone</div><div></div></div><div><div>Contact Person</div><div></div></div><div><div>Supplier Account</div><div></div></div><div><div>Cancel</div><div>Save</div></div></div>
<p>d. Fill in the supplier information and enter the Save button to continue. See example below:</p> <div><div>supplier_code *all_eights</div><div><div>Name *</div><div>ALL EIGHTS (M) SDN. BHD.</div></div><div>Address</div><div><div>Street 1</div><div>45 Jalan TS 6/10A</div></div><div><div>Street 2</div><div>Subang Industrial Park</div></div><div><div>City</div><div>Subang Jaya</div></div><div><div>Postcode</div><div>47610</div></div><div><div>State</div><div>Selangor</div></div><div><div>Country</div><div>Malaysia</div></div></div>	<p>The new supplier will be added to the list.</p> <div><div>Supplier List</div><div>Find</div><div>Create</div><div><div><div>Name</div><div>ALL EIGHTS (M) SDN. BHD.</div></div><div><div>Code</div><div>all_eights</div><div>Delete</div></div></div></div>

6.2 Store Registration

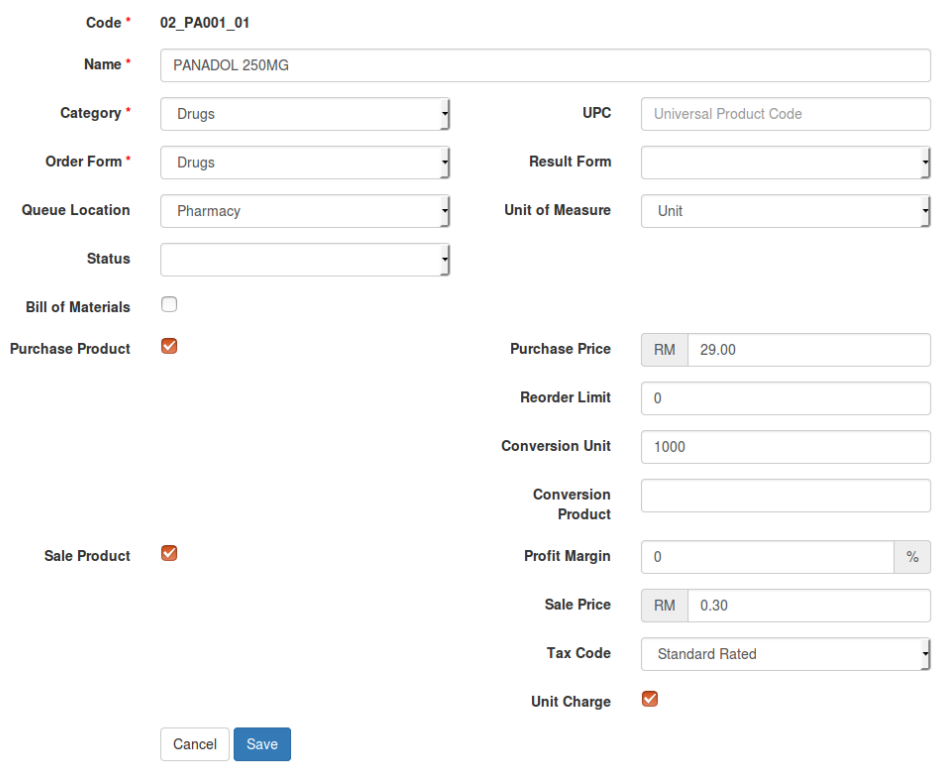
Action	Output Expected
<p>a. Click on the Stores option under the Inventory button.</p> 	<p>You will be presented with the Supplier List page.</p> 
<p>b. Click on the Create button to add new store.</p> 	<p>You will be presented with a New Store page.</p> 

Action	Output Expected				
<p>c. Fill in the new store information and click the Save button to continue.</p> <div><h2>New Store</h2><div><div>Code *</div><div>ward_store_1</div></div><div><div>Name *</div><div>Ward Store 1</div></div><div><div>Receiving Store</div><div><input type="checkbox"/></div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>The new store will be added to the list.</p> <div><div>Healthcare Information SystemAli ▾</div><div><div>🛒 Inventory ▾</div><h2>Store List</h2><div>Find</div><div>Record successfully created.</div><div>Create</div><table><thead><tr><th>Name</th><th>Code</th></tr></thead><tbody><tr><td>Ward Store 1</td><td>ward_store_1</td></tr></tbody></table><div>1 records found.</div></div></div>	Name	Code	Ward Store 1	ward_store_1
Name	Code				
Ward Store 1	ward_store_1				

6.3 Product Registration

Action	Output Expected
<p>a. Click on the Products option under the Inventory button.</p> 	<p>You will be presented with the Product List page.</p> 

Action	Output Expected
<p>b. Click on the Create button to add a new product.</p> <div> <div>Create</div> </div>	<p>You will be presented with a New Store page.</p> <div> <div>Healthcare Information SystemAli</div> <div>Inventory</div> <div>Product List / New Product</div> <div> <div> <div>Code *</div> <div>Product reference, store keeping unit or other unique value</div> </div> <div> <div>Name *</div> <div></div> </div> <div> <div>Category *</div> <div></div> </div> <div> <div>Order Form *</div> <div>Generic</div> </div> <div> <div>Queue Location</div> <div></div> </div> <div> <div>Status</div> <div>Active</div> </div> <div> <div>Bill of Materials</div> <div><input type="checkbox"/></div> </div> <div> <div>Purchase Product</div> <div><input type="checkbox"/></div> </div> <div> <div>Sale Product</div> <div><input type="checkbox"/></div> </div> <div> <div>UPC</div> <div>Universal Product Code</div> </div> <div> <div>Result Form</div> <div>Generic Comments</div> </div> <div> <div>Unit of Measure</div> <div></div> </div> <div> <div>Purchase Price</div> <div>RM</div> <div></div> </div> <div> <div>Reorder Limit</div> <div></div> </div> <div> <div>Conversion Unit</div> <div></div> </div> <div> <div>Conversion Product</div> <div></div> </div> <div> <div>Profit Margin</div> <div></div> <div>%</div> </div> <div> <div>Sale Price</div> <div>RM</div> <div></div> </div> <div> <div>Tax Code</div> <div></div> </div> <div> <div>Unit Charge</div> <div><input type="checkbox"/></div> </div> <div> <div>Cancel</div> <div>Save</div> </div> </div> </div>

Action	Output Expected																																								
<p>c. Fill in the product information and click the Save button to continue. See product parameters below:</p> <table> <tr> <td>Code</td><td>Unique identifier for the product.</td></tr> <tr> <td>Name</td><td>Description or brand name of the product.</td></tr> <tr> <td>Category</td><td>Group of the product.</td></tr> <tr> <td>UPC</td><td>Universal product code</td></tr> <tr> <td>Order Form</td><td>A list of input parameters for product ordering.</td></tr> <tr> <td>Result Form</td><td>A list of output parameters assigned to product.</td></tr> <tr> <td>Queue Location</td><td>Receiving department to execute order.</td></tr> <tr> <td>Unit of Measure</td><td>Magnitude of the physical quantity.</td></tr> <tr> <td>Status</td><td>Active - Product available and ready for ordering. Inactive - Product temporary unavailable for ordering. Discontinue - Retired product.</td></tr> <tr> <td>Bill of Materials</td><td>Product consist of a collection of item.</td></tr> <tr> <td>Purchase Product</td><td>Product requires to be purchase from supplier.</td></tr> <tr> <td>Purchase price</td><td>The price at which the product is actually purchase.</td></tr> <tr> <td>Reorder Limit</td><td>Minimum threshold for product purchase.</td></tr> <tr> <td>Conversion Unit</td><td>Quantity packed or boxed.</td></tr> <tr> <td>Conversion Product</td><td>Receiving product.</td></tr> <tr> <td>Sale</td><td>Product is sold at a price.</td></tr> <tr> <td>Profit Margin</td><td>Profit limit for the product.</td></tr> <tr> <td>Sale price</td><td>The price of the product being offered.</td></tr> <tr> <td>Tax Code</td><td>Goods & Services Tax for the selected item.</td></tr> <tr> <td>Unit Charge</td><td>The total price derive for the number of unit dispense.</td></tr> </table>	Code	Unique identifier for the product.	Name	Description or brand name of the product.	Category	Group of the product.	UPC	Universal product code	Order Form	A list of input parameters for product ordering.	Result Form	A list of output parameters assigned to product.	Queue Location	Receiving department to execute order.	Unit of Measure	Magnitude of the physical quantity.	Status	Active - Product available and ready for ordering. Inactive - Product temporary unavailable for ordering. Discontinue - Retired product.	Bill of Materials	Product consist of a collection of item.	Purchase Product	Product requires to be purchase from supplier.	Purchase price	The price at which the product is actually purchase.	Reorder Limit	Minimum threshold for product purchase.	Conversion Unit	Quantity packed or boxed.	Conversion Product	Receiving product.	Sale	Product is sold at a price.	Profit Margin	Profit limit for the product.	Sale price	The price of the product being offered.	Tax Code	Goods & Services Tax for the selected item.	Unit Charge	The total price derive for the number of unit dispense.	<p>Example product:</p> 
Code	Unique identifier for the product.																																								
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Tax Code	Goods & Services Tax for the selected item.																																								
Unit Charge	The total price derive for the number of unit dispense.																																								

Action	Output Expected						
<p>d. Click on the Save button to continue.</p> <div><div>Save</div></div>	<p>The item will be added to the product list.</p> <div><div>Healthcare Information System<div>All</div></div><div><div><div>Inventory</div></div><div><div>Product List</div><div>New Product</div><div><div>Enter product name or code</div><div>Search</div></div><table><thead><tr><th>Code</th><th>Name</th><th>On Hand</th></tr></thead><tbody><tr><td>02_PA001_01</td><td>PANADOL 250mg</td><td><div>Prescription</div><div>Stock</div><div>Delete</div></td></tr></tbody></table><div>1 records found.</div></div></div></div>	Code	Name	On Hand	02_PA001_01	PANADOL 250mg	<div>Prescription</div> <div>Stock</div> <div>Delete</div>
Code	Name	On Hand					
02_PA001_01	PANADOL 250mg	<div>Prescription</div> <div>Stock</div> <div>Delete</div>					

6.4 Stock Management

There are 3 major stock movements.

1. Stock Receive
2. Stock Adjustment
3. Stock Take

6.4.1 Stock Receive

Action	Output Expected
<p>a. Stocked products can be managed by clicking on Stock button.</p> <div><div>Stock</div></div>	<p>You will be presented with the Stock Movements page for the selected product.</p> <div><div>Healthcare Information SystemAll</div><div><div>Inventory</div></div><div>Stock Movements</div><div><div>PANADOL 250mg02_PA001_01</div><div></div></div><div><div>Cancel</div><div>Refresh</div></div><div>No record found.</div></div>
<p>b. You may select any store from the dropdown menu to view the product activities. Click the Refresh button to load the movements for the selected store.</p> <div><div>Stock Movements</div><div><div>PANADOL 250mg02_PA001_01</div><div>Main Store</div><div><div>Cancel</div><div>Refresh</div></div></div></div>	

Action	Output Expected										
<p>c. Click the Create button to add a new movement activity.</p> <div><div>Create</div></div>	<p>You will be presented with a new stock movement page.</p> <div><div>Healthcare Information System</div><div>All</div><div>Inventory</div><div>Product List / Stock Movements / New</div><div><div>PANADOL 250mg</div><div>02_PA001_01</div></div><div><div>Store</div><div>Main Store</div></div><div><div>Movement Type *</div><div></div></div><div><div>Date *</div><div>28</div><div>June</div><div>2016</div><div>01</div><div>:</div><div>15</div></div><div><div>Quantity *</div><div></div></div><div><div>Description</div><div></div></div><div><div>Cancel</div><div>Save</div></div></div>										
<p>d. Enter the stock movement information and click the Save button.</p> <div><div><div>PANADOL 250mg</div><div>02_PA001_01</div></div><div><div>Store</div><div>Main Store</div></div><div><div>Movement Type *</div><div>Stock Receive</div></div><div><div>Date *</div><div>28</div><div>June</div><div>2016</div><div>01</div><div>:</div><div>15</div></div><div><div>Quantity *</div><div>1000</div></div><div><div>Description</div><div></div></div><div><div>Cancel</div><div>Save</div></div></div>	<p>A new stock movement added to the list. This process will also update the stock on-hand value</p> <div><div><div>PANADOL 250mg</div><div>02_PA001_01</div><div>On Hand: 1000</div></div><div><div>Main Store</div></div><div><div>Cancel</div><div>Refresh</div></div><div><div>Record successfully created.</div></div><div><div>Movement History</div><div><div>Create</div></div><table><tr><th>Date</th><th>Movement</th><th>Store</th><th>Quantity</th><th></th></tr><tr><td>28 June 2016</td><td>Stock Receive</td><td>Main Store</td><td>1,000.00</td><td>Delete</td></tr></table></div></div>	Date	Movement	Store	Quantity		28 June 2016	Stock Receive	Main Store	1,000.00	Delete
Date	Movement	Store	Quantity								
28 June 2016	Stock Receive	Main Store	1,000.00	Delete							

6.4.2 Stock Adjustment

Action	Output Expected															
<p>a. Select a product and choose it store location. Click the Create button to add a new movement activity.</p> <div><div>Create</div></div>	<p>You will be presented with a new stock movement page.</p> <div><div>Healthcare Information System</div><div>Inventory</div><div>Product List / Stock Movements / New</div><div>PANADOL 250mg 02_PA001_01</div><div>StoreMain Store</div><div>Movement Type *</div><div>Date *28June20160115</div><div>Quantity *</div><div>Description</div><div>CancelSave</div></div>															
<p>b. Enter adjustment information and click the Save button to continue. See example below.</p> <div><div>StoreMain Store</div><div>Movement Type *Stock Adjustment</div><div>Date *28June20160140</div><div>Quantity *-10</div><div>DescriptionLoss</div><div>CancelSave</div></div>	<p>New adjustment will be added to the list.</p> <table><tr><th>Date</th><th>Movement</th><th>Store</th><th>Quantity</th><th></th></tr><tr><td>28 June 2016</td><td>Stock Receive</td><td>Main Store</td><td>1,000</td><td>Delete</td></tr><tr><td>28 June 2016</td><td>Stock Adjustment</td><td>Main Store</td><td>-10</td><td>Delete</td></tr></table> <p>The stock on hand will also reduce by 10.</p> <div><div>PANADOL 250mg 02_PA001_01 On Hand: 990</div></div>	Date	Movement	Store	Quantity		28 June 2016	Stock Receive	Main Store	1,000	Delete	28 June 2016	Stock Adjustment	Main Store	-10	Delete
Date	Movement	Store	Quantity													
28 June 2016	Stock Receive	Main Store	1,000	Delete												
28 June 2016	Stock Adjustment	Main Store	-10	Delete												

6.4.2 Stock Take

Action	Output Expected																				
<p>a. Select a product and choose it store location. Click the Create button to add a new movement activity.</p> <div><div>Create</div></div>	<p>You will be presented with a new stock movement page.</p> <div><div>Healthcare Information System</div><div>All</div><div>Inventory</div><div>Product List / Stock Movements / New</div><div>PANADOL 250mg 02_PA001_01</div><div>StoreMain Store</div><div>Movement Type *</div><div>Date *28June20160115</div><div>Quantity *</div><div>Description</div><div>CancelSave</div></div>																				
<p>b. Enter stock take information and click the Save button to continue. See example below.</p> <div><div>StoreMain Store</div><div>Movement Type *Stock Take</div><div>Date *28June20160150</div><div>Quantity *950</div><div>Description</div><div>CancelSave</div></div>	<p>Stock take will be added to the list.</p> <table><tr><th>Date</th><th>Movement</th><th>Store</th><th>Quantity</th><th></th></tr><tr><td>28 June 2016</td><td>Stock Receive</td><td>Main Store</td><td>1,000</td><td>Delete</td></tr><tr><td>28 June 2016</td><td>Stock Adjustment</td><td>Main Store</td><td>-10</td><td>Delete</td></tr><tr><td>28 June 2016</td><td>Stock Take</td><td>Main Store</td><td>950</td><td>Delete</td></tr></table> <p>The stock on hand value will be reset to the value entered earlier.</p> <div><div>PANADOL 250mg 02_PA001_01 On Hand: 950</div></div>	Date	Movement	Store	Quantity		28 June 2016	Stock Receive	Main Store	1,000	Delete	28 June 2016	Stock Adjustment	Main Store	-10	Delete	28 June 2016	Stock Take	Main Store	950	Delete
Date	Movement	Store	Quantity																		
28 June 2016	Stock Receive	Main Store	1,000	Delete																	
28 June 2016	Stock Adjustment	Main Store	-10	Delete																	
28 June 2016	Stock Take	Main Store	950	Delete																	

