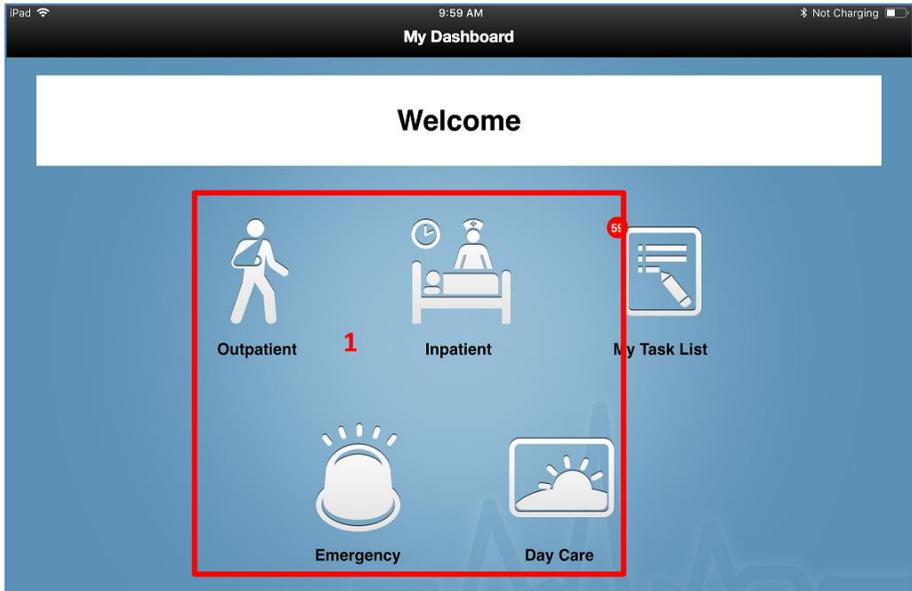
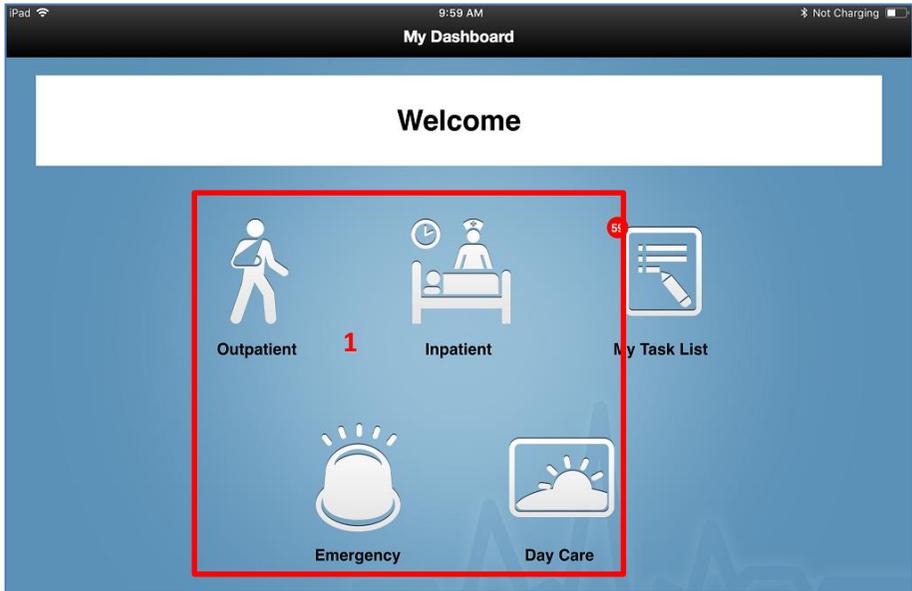
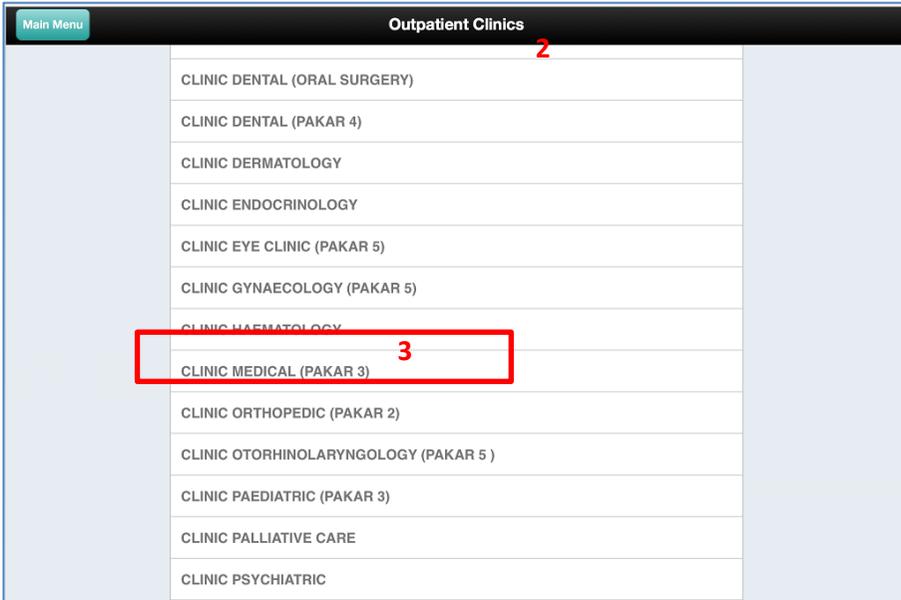
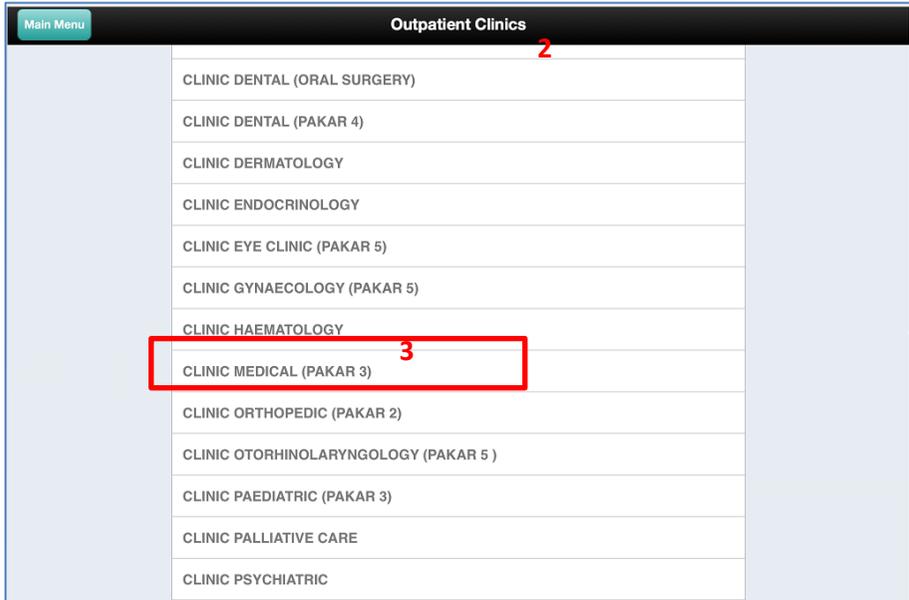


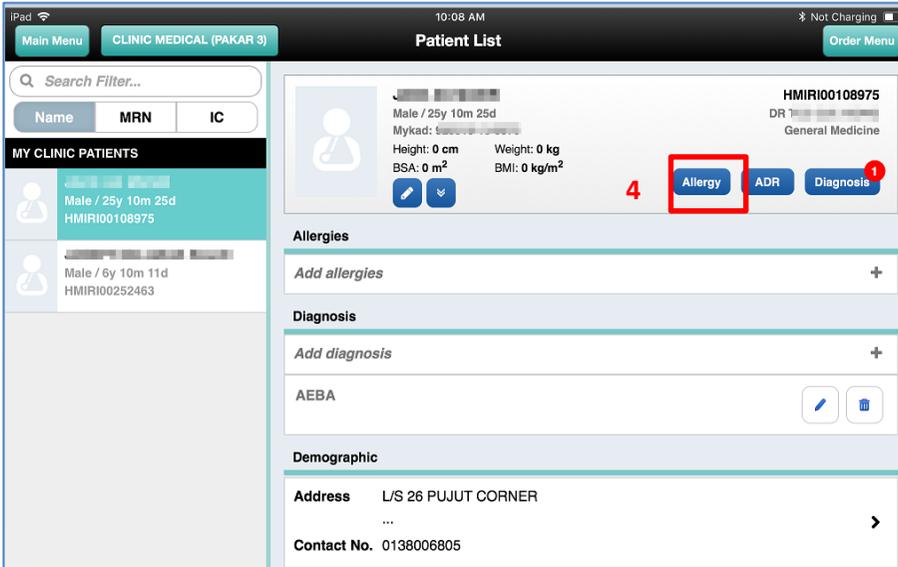
1. Summary of Ticket Number and Requests to Allergy

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS016108416S	<u>Request to edit or delete Allergies at Demographic</u> User request to edit or delete Allergies at Demographic. Currently user only can add new allergies but unable to edit or delete. User only can edit allergy using active visit.	Able to edit on patient allergies at patient demographic	Allow to edit or delete Allergies at Demographic. Currently user only can add new allergies but unable to edit or delete. User only can edit allergy using active visit.
2.	I-PhIS016890916S	<u>Transcribe Order - Request to edit on Allergy Histories</u> User request to edit on Allergy Histories. Step by user: 1) Transcribe Order > select patient 2) Under Gender and MRN column have one column of Known Allergies (in red column) > there are one drop down button > click on drop down button > Appear drug allergy 3) Click on Details link > Appear Allergy Histories 4) Request to edit the Allergy Histories	Able to edit on patient allergies at patient demographic	
3.	I-PhIS016927416S	<u>Transcribe Order - Request on Patient Allergy</u> User request on patient allergy: 1)User request for system have pop up message alert for patient who have allergy on medication or not when every time user do Transcribe Order 2)User also request to have pop up message alert on Dispensing screen in order for user to be alert that patient have allergy for the drug.	Allergy status with different colours.	1. Solution on patient allergy: To change colour alert for Allergy in patient banner. a. If one of the allergy status is 'Confirmed' = Red b. If one of the allergy status is 'To be confirmed' or 'Suspected' = Yellow c. If allergy status is 'Resolved' = No colour. 2. MIMS alert checking for allergy only for allergy status = 'Confirmed'
4.	I-PhIS020200417S	<u>Request to block allergic drug</u> User request to block any drug that has been declared as allergy for patient. According to user, current system still allowed (even did not notify user) to transcribe drug even the drug was listed under patient allergy.	To alert user for CONFIRMED allergy but still allow user to create order for the allergy drug.	3. Once drug allergy has a status of 'CONFIRMED', alert on allergy will appear. However, user able to decide whether to add in the allergy drug or not to add in the allergy drug into draft list. 4. Other status (To Be Confirmed/Suspected/Resolved),

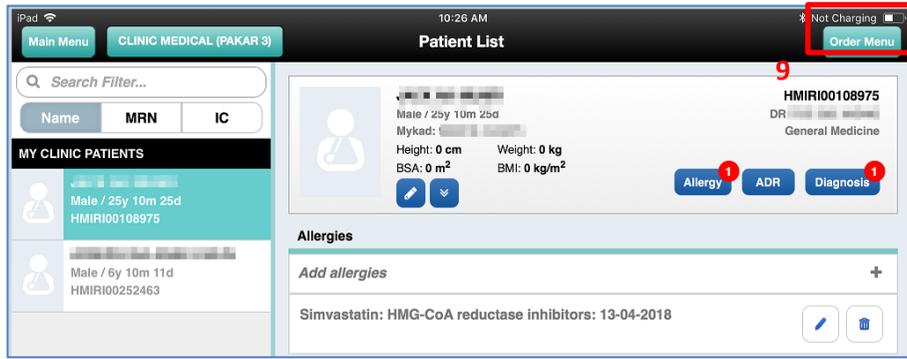
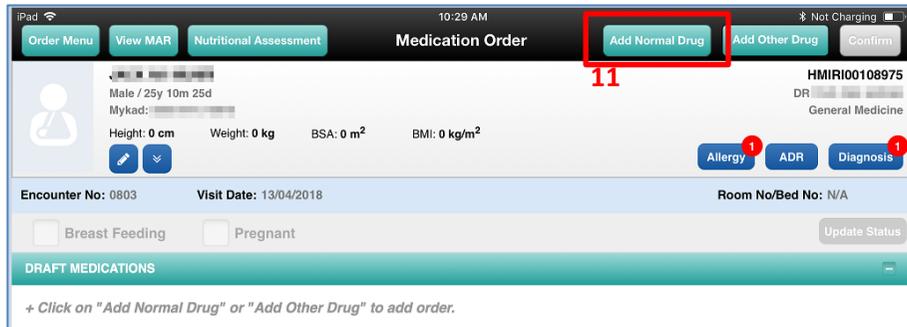
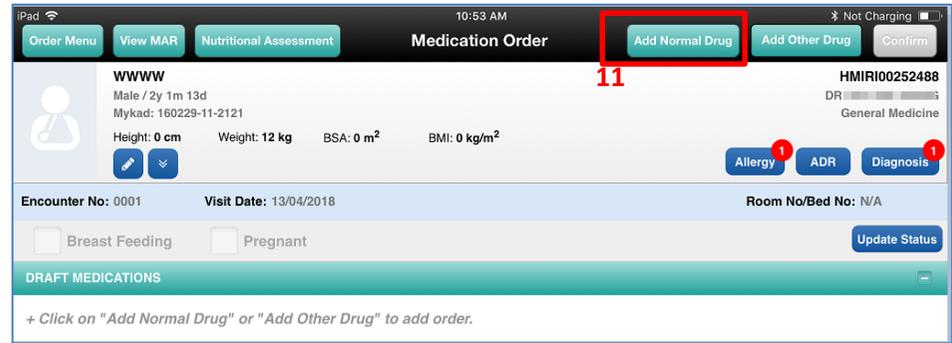
No.	Ticket #	Description	Requests	Proposed Solution
				no alert will display.

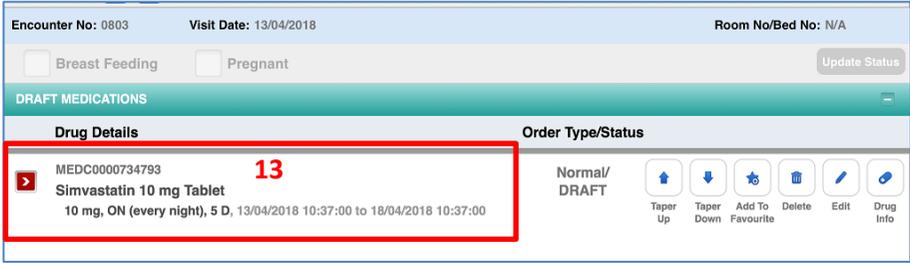
Function Flow	Current Version 1.7	New Version 1.8
1. Add Allergy = CONFIRMED status and create drug order (mobile)	<p>1. Login to mobile application. Go to desktop menu, tab on either <i>Inpatient</i>, <i>Outpatient</i>, <i>Emergency</i> or <i>Daycare</i> link(1).</p> 	<p>1. Login to mobile application. Go to desktop menu, tab on either <i>Inpatient</i>, <i>Outpatient</i>, <i>Emergency</i> or <i>Daycare</i> link(1).</p> 
	<p>2. After user choose the visit type, a list of location will appear. Choose any location that has a list of patient. Example below is for <u>Outpatient list(2)</u>. <u>Tab on the location(3)</u>.</p>	<p>2. After user choose the visit type, a list of location will appear. Choose any location that has a list of patient. Example below is for <u>Outpatient list(2)</u>. <u>Tab on the location(3)</u>.</p>

Function Flow	Current Version 1.7	New Version 1.8
	 <p>3. Patient listing will appear. Choose one patient and patient information will appear.</p> <p>4. Add the diagnosis first if patient does not have diagnosis yet, and then tab on <u>Allergy(4)</u> button to add allergy drug.</p>	 <p>3. Patient listing will appear. Choose one patient and patient information will appear.</p> <p>4. Add the diagnosis first if patient does not have diagnosis yet, and then tab on <u>Allergy(4)</u> button to add allergy drug.</p>

Function Flow	Current Version 1.7	New Version 1.8
		
	<p>5. View Allergy screen will appear. Tab on <u>Add(+)(5)</u> icon to add allergy drug.</p>  <p>6. Add allergy screen appear. Go to tab <u>"Allergy By Active Ingredient"(6)</u> and add allergy drug information with status = CONFIRMED. Once done, tab on <u>Save(7)</u> button to save the allergy drug.</p>	<p>5. View Allergy screen will appear. Tab on <u>Add(+)(5)</u> icon to add allergy drug.</p>  <p>6. Add allergy screen appear. Go to tab <u>"Allergy By Active Ingredient"(6)</u> and add allergy drug information with status = CONFIRMED. Once done, tab on <u>Save(7)</u> button to save the allergy drug.</p>

Function Flow	Current Version 1.7	New Version 1.8
<p>7. Record will be save and show in the allergies list. Then tab on <u>Back(8)</u> button.</p>	<p>8. Tab on <u>Order Menu(9)</u> at the patient list screen. Then tab on <u>Medication Order(10)</u> link.</p>	<p>8. Tab on <u>Order Menu(9)</u> at the patient list screen. Then tab on <u>Medication Order(10)</u> link.</p>

Function Flow	Current Version 1.7	New Version 1.8
	 <p>9. Create drug order with same allergy drug by tab on <u>Add Normal Drug(11)</u> button.</p>  <p>10. Enter the drug information using same drug as in allergy list and then allergy alert will appear as below. Tab on <u>OK(12)</u> button.</p>	 <p>9. Create drug order with same allergy drug by tab on <u>Add Normal Drug(11)</u> button.</p>  <p>10. Enter the drug information using same drug as in allergy list and then allergy alert will appear as below. Tab on <u>OK(12)</u> button to insert the allergy drug into draft.</p>

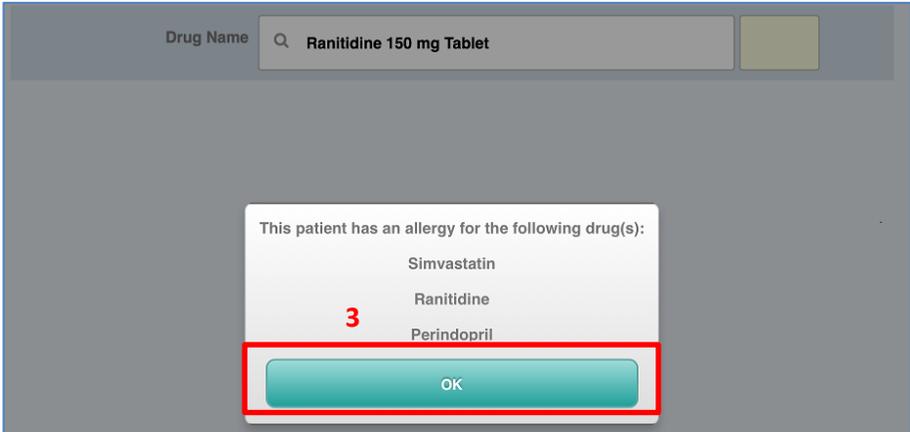
Function Flow	Current Version 1.7	New Version 1.8
	 <p>11. Drug will be inserted into <u>draft list(13)</u>.</p> 	 <p>Note: If user click on CANCEL, this page will be refresh again for user to add another drug.</p> <p>11. The drug information will appear in add normal drug page. Enter the drug details and then tab on <u>Draft(13)</u> button.</p>



Function Flow	Current Version 1.7	New Version 1.8				
		<div data-bbox="1227 236 2168 874"> <p>Medication Order Normal Drug Form Draft</p> <p>WWW 13 HMIRI00252488</p> <p>Male / 2y 1m 13d DR: Mykad: 160229-11-2121 General Medicine</p> <p>Height: 0 cm Weight: 12 kg BSA: 0 m² BMI: 0 kg/m²</p> <p>Allergy ADR Diagnosis</p> <p>+ Add New Normal Drug Drugs By Template Favourite Drug List</p> <p>Drug Name <input type="text" value="Simvastatin 10 mg Tablet"/> B</p> <p>Dose <input type="text" value="10"/> mg Admin Route <input type="text" value="Oral"/></p> <p>Frequency <input type="text" value="ON (every night)"/> Dosage Schedule <input type="text" value="With STAT"/> <input type="checkbox"/> OFF</p> <p>Duration <input type="text" value="7"/> Days Order Quantity <input type="text" value="7"/> tablet</p> <p>Start Date <input type="text" value="13 Apr 2018"/> <input type="text" value="10:54 AM"/> End Date <input type="text" value="20 Apr 2018"/> <input type="text" value="10:54 AM"/></p> <p>Indication <input type="text" value="Hypercholesterolaemia"/></p> <p>Remarks <input type="text" value="Optional..."/></p> <p>1stDose Now <input type="checkbox"/> NO Counselling <input type="checkbox"/> NO Own medication <input type="checkbox"/> NO</p> </div> <p>12. Drug will be inserted into <u>draft list(14)</u>.</p> <div data-bbox="1227 938 2168 1385"> <p>iPad 10:58 AM Not Charging</p> <p>Order Menu View MAR Nutritional Assessment Medication Order Add Normal Drug Add Other Drug Confirm</p> <p>WWW HMIRI00252488</p> <p>Male / 2y 1m 13d DR: Mykad: 160229-11-2121 General Medicine</p> <p>Height: 0 cm Weight: 12 kg BSA: 0 m² BMI: 0 kg/m²</p> <p>Allergy ADR Diagnosis</p> <p>Encounter No: 0001 Visit Date: 13/04/2018 Room No/Bed No: N/A</p> <p><input type="checkbox"/> Breast Feeding <input type="checkbox"/> Pregnant Update Status</p> <p>DRAFT MEDICATIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Drug Details</th> <th style="width: 30%;">Order Type/Status</th> </tr> </thead> <tbody> <tr> <td style="border: 1px solid red; padding: 5px;"> <div data-bbox="1243 1273 1742 1359"> <p>▶ MEDC0000735005 14</p> <p>Simvastatin 10 mg Tablet</p> <p>10 mg, ON (every night), 7 D, 13/04/2018 10:54:00 to 20/04/2018 10:54:00</p> </div> </td> <td style="border: 1px solid gray; padding: 5px;"> <p>Normal/ DRAFT</p> <p>Taper Up Taper Down Add To Favourite Delete Edit Drug Info</p> </td> </tr> </tbody> </table> </div>	Drug Details	Order Type/Status	<div data-bbox="1243 1273 1742 1359"> <p>▶ MEDC0000735005 14</p> <p>Simvastatin 10 mg Tablet</p> <p>10 mg, ON (every night), 7 D, 13/04/2018 10:54:00 to 20/04/2018 10:54:00</p> </div>	<p>Normal/ DRAFT</p> <p>Taper Up Taper Down Add To Favourite Delete Edit Drug Info</p>
Drug Details	Order Type/Status					
<div data-bbox="1243 1273 1742 1359"> <p>▶ MEDC0000735005 14</p> <p>Simvastatin 10 mg Tablet</p> <p>10 mg, ON (every night), 7 D, 13/04/2018 10:54:00 to 20/04/2018 10:54:00</p> </div>	<p>Normal/ DRAFT</p> <p>Taper Up Taper Down Add To Favourite Delete Edit Drug Info</p>					

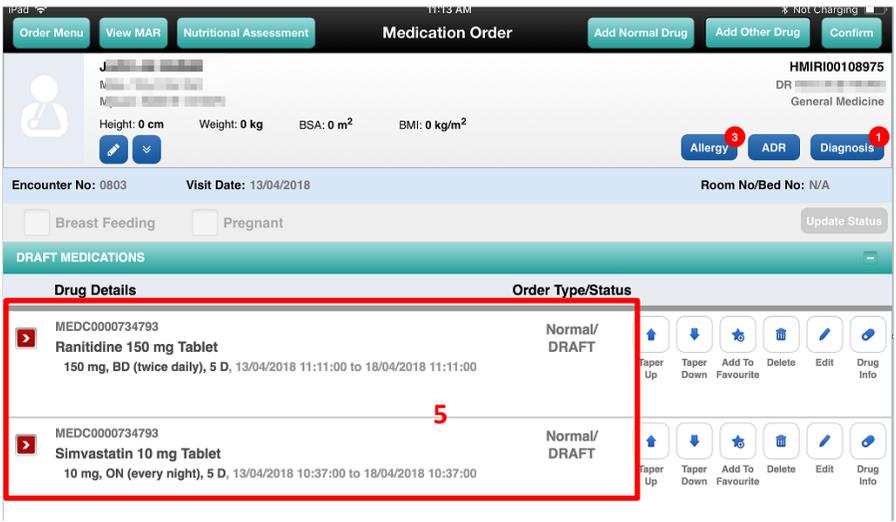
Function Flow	Current Version 1.7	New Version 1.8
<p>2. Add Allergy drug with status = TO BE CONFIRMED, status= SUSPECTED, and status = RESOLVED then create drugs order (mobile)</p>	<p>1. Login to mobile application and follow back step 1-5 from section 1 above.</p> <p>2. This time, add 3 allergy drugs with status=TO BE CONFIRMED, status=SUSPECTED, and status=RESOLVED as below.</p> <div data-bbox="295 359 1205 847"> <p>+ Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug</p> <p>Drug Name <input type="text" value="Perindopril"/></p> <p>Substance Class <input type="text" value="Angiotensin converting enzyme (ace) inhibitors"/></p> <p>Brand Name <input type="text" value="COVAPRIL"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Unknown"/></p> <p>Reaction Details <input type="text" value="get"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="To be confirmed"/></p> </div> <div data-bbox="295 884 1205 1372"> <p>+ Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug</p> <p>Drug Name <input type="text" value="Ranitidine"/></p> <p>Substance Class <input type="text" value="H2 receptor antagonists"/></p> <p>Brand Name <input type="text" value="ZANTAC"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Select one..."/></p> <p>Reaction Details <input type="text" value="itvhy"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="Suspected"/></p> </div>	<p>1. Login to mobile application and follow back step 1-5 from section 1 above.</p> <p>2. This time, add 3 allergy drugs with status=TO BE CONFIRMED, status=SUSPECTED, and status=RESOLVED as below.</p> <div data-bbox="1234 359 2143 847"> <p>+ Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug</p> <p>Drug Name <input type="text" value="Perindopril"/></p> <p>Substance Class <input type="text" value="Angiotensin converting enzyme (ace) inhibitors"/></p> <p>Brand Name <input type="text" value="COVAPRIL"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Unknown"/></p> <p>Reaction Details <input type="text" value="get"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="To be confirmed"/></p> </div> <div data-bbox="1234 884 2143 1372"> <p>+ Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug</p> <p>Drug Name <input type="text" value="Ranitidine"/></p> <p>Substance Class <input type="text" value="H2 receptor antagonists"/></p> <p>Brand Name <input type="text" value="ZANTAC"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Select one..."/></p> <p>Reaction Details <input type="text" value="itvhy"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="Suspected"/></p> </div>

Function Flow	Current Version 1.7	New Version 1.8
	<p data-bbox="297 252 1193 276"> + Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug </p> <div data-bbox="421 300 1099 735"> <p>Drug Name <input type="text" value="Metformin"/></p> <p>Substance Class <input type="text" value="Biguanides"/></p> <p>Brand Name <input type="text" value="RIOMET"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Moderate"/></p> <p>Reaction Details <input type="text" value="trc"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="Resolved"/></p> </div> <p data-bbox="297 759 1122 818">3. Record will be save and show in the <u>allergies list(1)</u>. Then tab on <u>Back(2)</u> button.</p> <div data-bbox="297 831 1193 1369"> </div>	<p data-bbox="1238 252 2134 276"> + Allergy By Active Ingredient + Allergy By Substance Class + Allergy By Drug (Non-MOH) + Allergy By Non Drug </p> <div data-bbox="1361 300 2040 735"> <p>Drug Name <input type="text" value="Metformin"/></p> <p>Substance Class <input type="text" value="Biguanides"/></p> <p>Brand Name <input type="text" value="RIOMET"/></p> <p>Allergen Type <input type="text" value="Drug"/></p> <p>Allergen Severity <input type="text" value="Moderate"/></p> <p>Reaction Details <input type="text" value="trc"/></p> <p>Identification Date <input type="text" value="13 Apr 2018"/></p> <p>Status <input type="text" value="Resolved"/></p> </div> <p data-bbox="1238 759 2152 818">3. Record will be save and show in the <u>allergies list(1)</u>. Then tab on <u>Back(2)</u> button.</p> <div data-bbox="1238 802 2152 1294"> </div>

Function Flow	Current Version 1.7	New Version 1.8
	<p>4. Then follow again from step 8-9.</p> <p>5. Add same drug as listed in allergy list. An alert as below will appear for allergy drugs with status=TO BE CONFIRMED, SUSPECTED and RESOLVED. Tab on <u>OK(3)</u> button and drug details will appear.</p>  <p>6. Enter the drugs details and then tab on <u>Draft(4)</u> button.</p>	<p>4. Then follow again from step 8-9.</p> <p>5. Add same drug as listed in allergy list. No alert will appear for allergy drug with status = TO BE CONFIRMED, SUSPECTED or RESOLVED.</p> <p>6. User able to enter the drugs details and then tab on <u>Draft(3)</u> button.</p>  <p>7. Record will be inserted into <u>draft list(4)</u>.</p>

Function Flow	Current Version 1.7	New Version 1.8
	<p>7. Record will be inserted into <u>draft list(5)</u>.</p>	

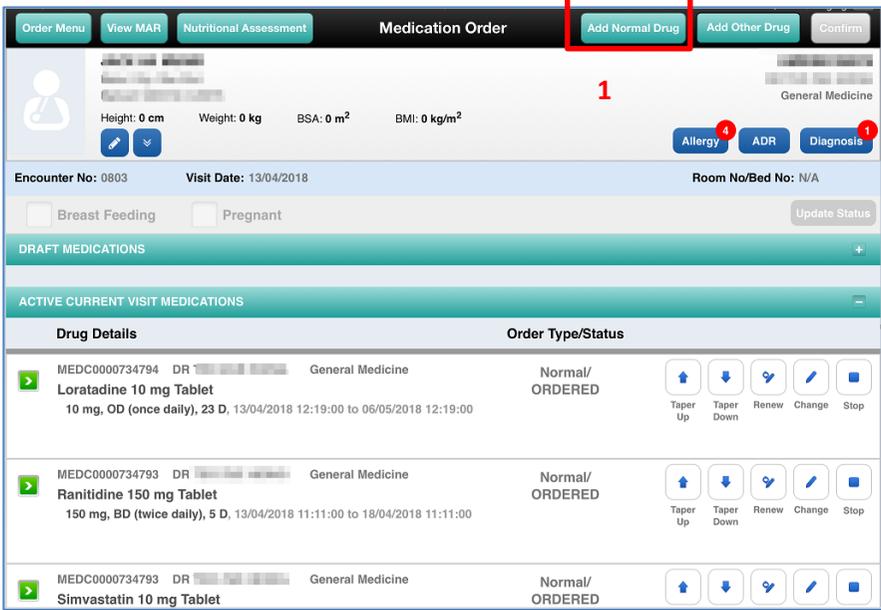
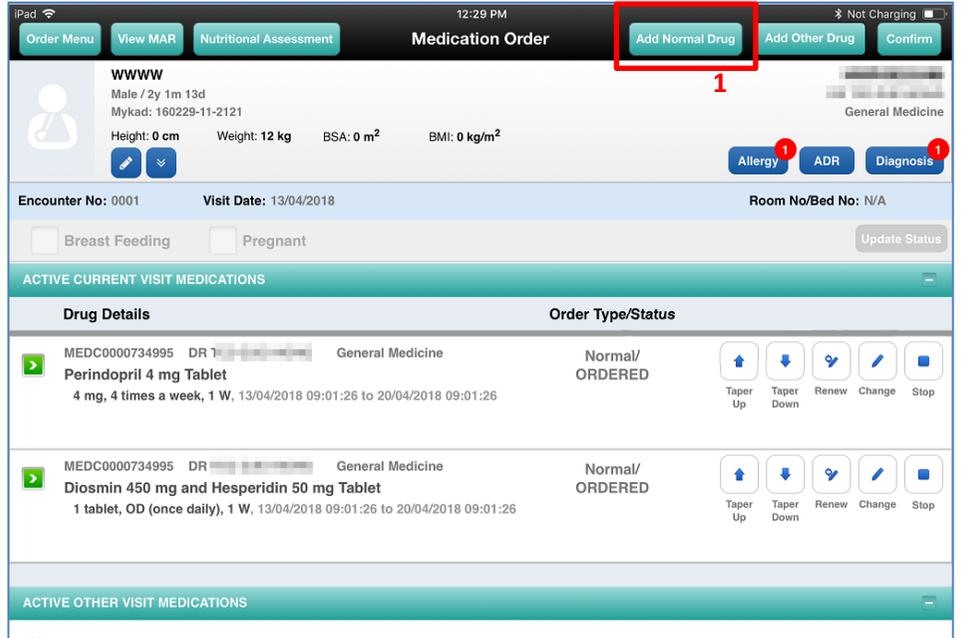


Function Flow	Current Version 1.7	New Version 1.8									
	 <p>The screenshot displays the 'Medication Order' screen in the mobile application. At the top, there are navigation buttons: 'Order Menu', 'View MAR', 'Nutritional Assessment', 'Add Normal Drug', 'Add Other Drug', and 'Confirm'. Below this, patient information is shown, including name, MR number (HMIRID0108975), and general medicine type. Patient vitals (Height, Weight, BSA, BMI) are listed. There are buttons for 'Allergy', 'ADR', and 'Diagnosis'. Encounter and visit details are provided, along with checkboxes for 'Breast Feeding' and 'Pregnant'. The 'DRAFT MEDICATIONS' section is highlighted in green and contains a table of draft medications:</p> <table border="1"><thead><tr><th>Drug Details</th><th>Order Type/Status</th><th>Actions</th></tr></thead><tbody><tr><td> MEDC0000734793 Ranitidine 150 mg Tablet 150 mg, BD (twice daily), 5 D, 13/04/2018 11:11:00 to 18/04/2018 11:11:00</td><td>Normal/ DRAFT</td><td>Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info</td></tr><tr><td> MEDC0000734793 Simvastatin 10 mg Tablet 10 mg, ON (every night), 5 D, 13/04/2018 10:37:00 to 18/04/2018 10:37:00</td><td>Normal/ DRAFT</td><td>Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info</td></tr></tbody></table> <p>A red box highlights the two medication entries. A red '5' is placed between the two entries in the list.</p>	Drug Details	Order Type/Status	Actions	MEDC0000734793 Ranitidine 150 mg Tablet 150 mg, BD (twice daily), 5 D, 13/04/2018 11:11:00 to 18/04/2018 11:11:00	Normal/ DRAFT	Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info	MEDC0000734793 Simvastatin 10 mg Tablet 10 mg, ON (every night), 5 D, 13/04/2018 10:37:00 to 18/04/2018 10:37:00	Normal/ DRAFT	Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info	
Drug Details	Order Type/Status	Actions									
MEDC0000734793 Ranitidine 150 mg Tablet 150 mg, BD (twice daily), 5 D, 13/04/2018 11:11:00 to 18/04/2018 11:11:00	Normal/ DRAFT	Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info									
MEDC0000734793 Simvastatin 10 mg Tablet 10 mg, ON (every night), 5 D, 13/04/2018 10:37:00 to 18/04/2018 10:37:00	Normal/ DRAFT	Taper Up, Taper Down, Add To Favourite, Delete, Edit, Drug Info									

2. Summary of Ticket Number on Duplicate message alignment

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PHIS016529216S	<p>Mobile - Change pop up wording for overlap drug detect by system - duplicate drug</p> <p>Change pop-up wording for overlap drug detect by system. Arrange start date n end date stacking with each other in order prompt. " Dabigatran Etexilate 110 mg Capsule, BD (twice daily), Oral, starts 22-09-2016[1 month] Start Date: 22-09-2016 End Date: 22-10-2016 Is active in the previous medication " Please refer attachment ""change wording in pop-up""</p>	To change the sentence in the alert message for the duplicate drug.	<p>1. To change the alert message wording in mobile. Arrange start date and end date stacking with each other in order prompt. :</p> <p>Dabigatran Etexilate 110 mg Capsule, BD (twice daily), Oral, starts 22-09-2016[1 month] Start Date: 22-09-2016 End Date: 22-10-2016 Is active in the previous medication.</p>

Function Flow	Current Version 1.7	New Version 1.8
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Function Flow	Current Version 1.7	New Version 1.8
<p>1. Create duplicate order and alert message will display</p>	<ol style="list-style-type: none"> Go to Medication Order page. Tab on <u>Add Normal Drug(1)</u> button and order same drug as in active drugs list.  <ol style="list-style-type: none"> Enter the drugs details and then tab on <u>Draft(2)</u> button. 	<ol style="list-style-type: none"> Go to Medication Order page. Tab on <u>Add Normal Drug(5)</u> button and order same drug as in active drugs list.  <ol style="list-style-type: none"> Enter the drugs details and then tab on <u>Draft(2)</u> button.

Function Flow	Current Version 1.7	New Version 1.8
	<p>4. Alert message as below will appear. The alignment of the <u>message is as below(3)</u>.</p>	<p>4. Alert message as below will appear. The alignment of the <u>message is as below(3)</u>.</p>