



# USER MANUAL



# WAVEBREAKER

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# Navigating Interfaces

## Outline

This is the Application Outline

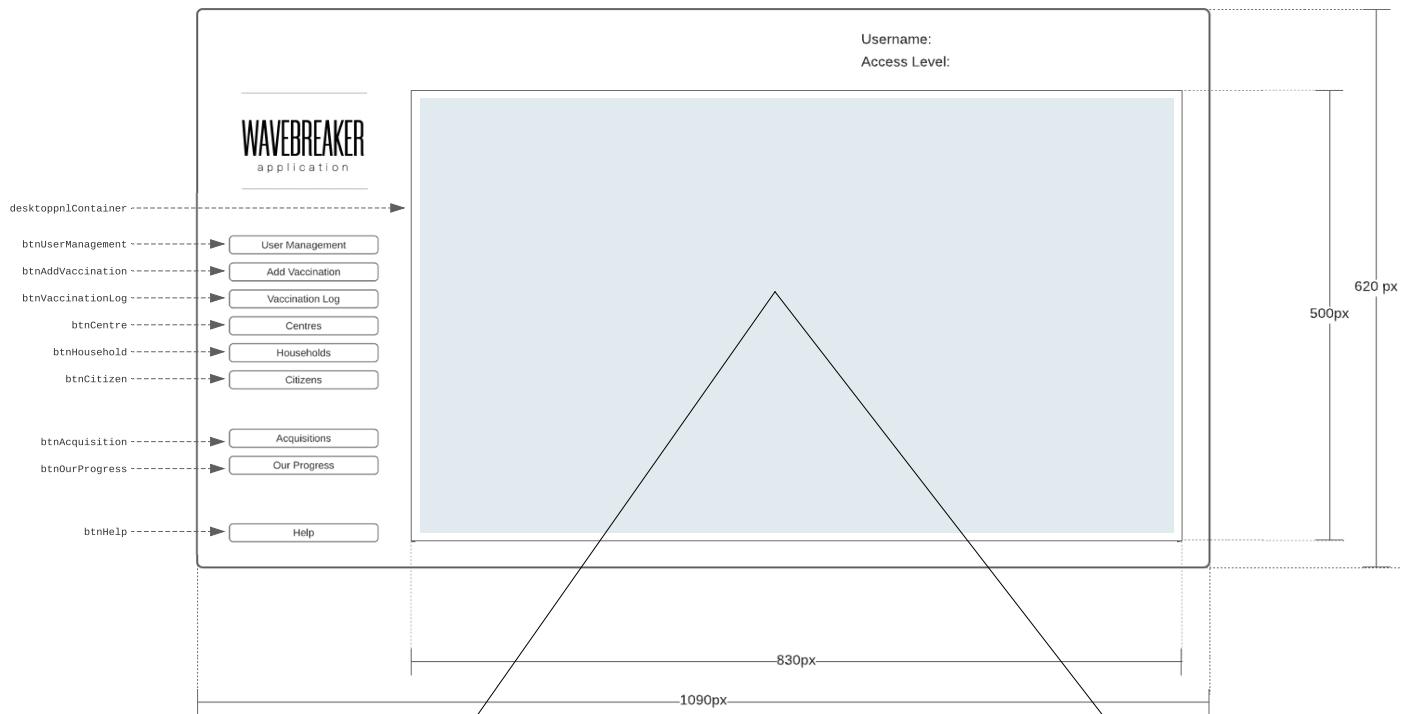


Figure 1: Outline of Application

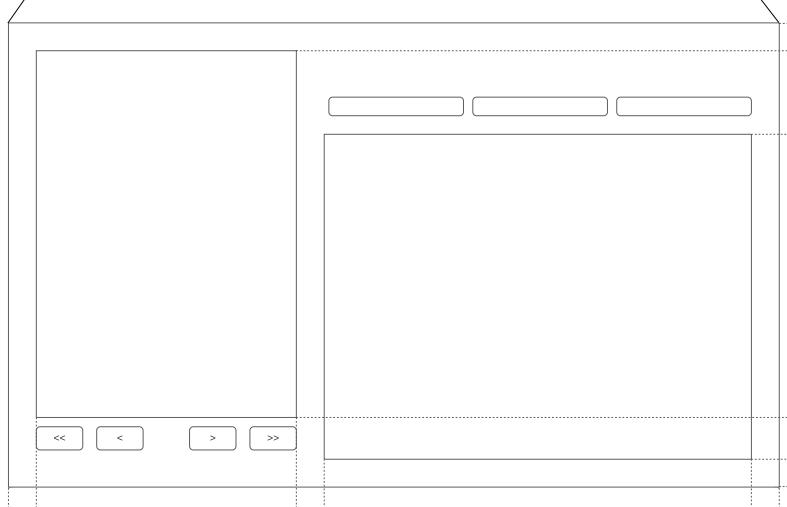


Figure 2: Blueprint of pnLCentre, pnLHousehold and pnLCitizen

## Navigation Button Group



Figure 3:

In **pnlVaccinationLog**, the navigation group allows a user to move up and down in **tblVaccinationLog**.

In **pnlCentre**, **pnlHousehold** and **pnlCitizen**, there are JLists with four buttons underneath that look like Figure 9.

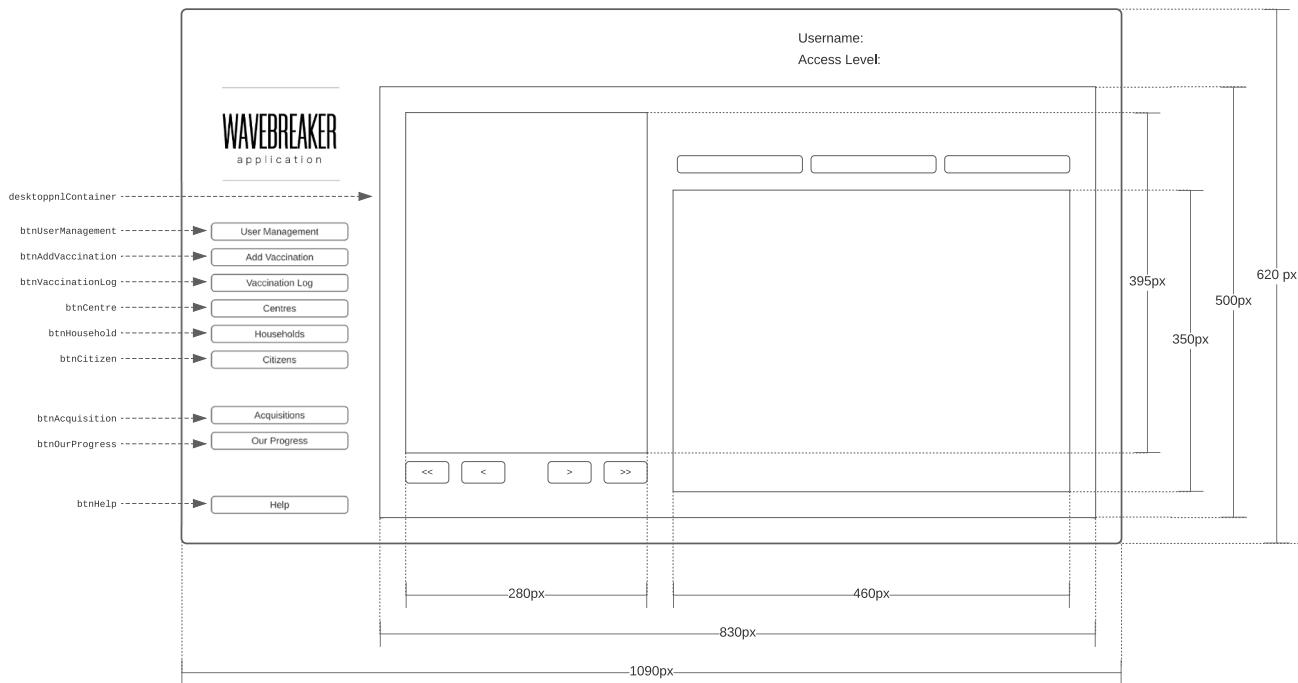
The first button ('<<') selects the first element in a list or table

The second button ('<') selects the element above or before the users current selection in a list or table

The third button ('>') selects the element below or after the users current selection in a list or table

The fourth button ('>>') selects the last element in a list or table

## JFrame MainFrame



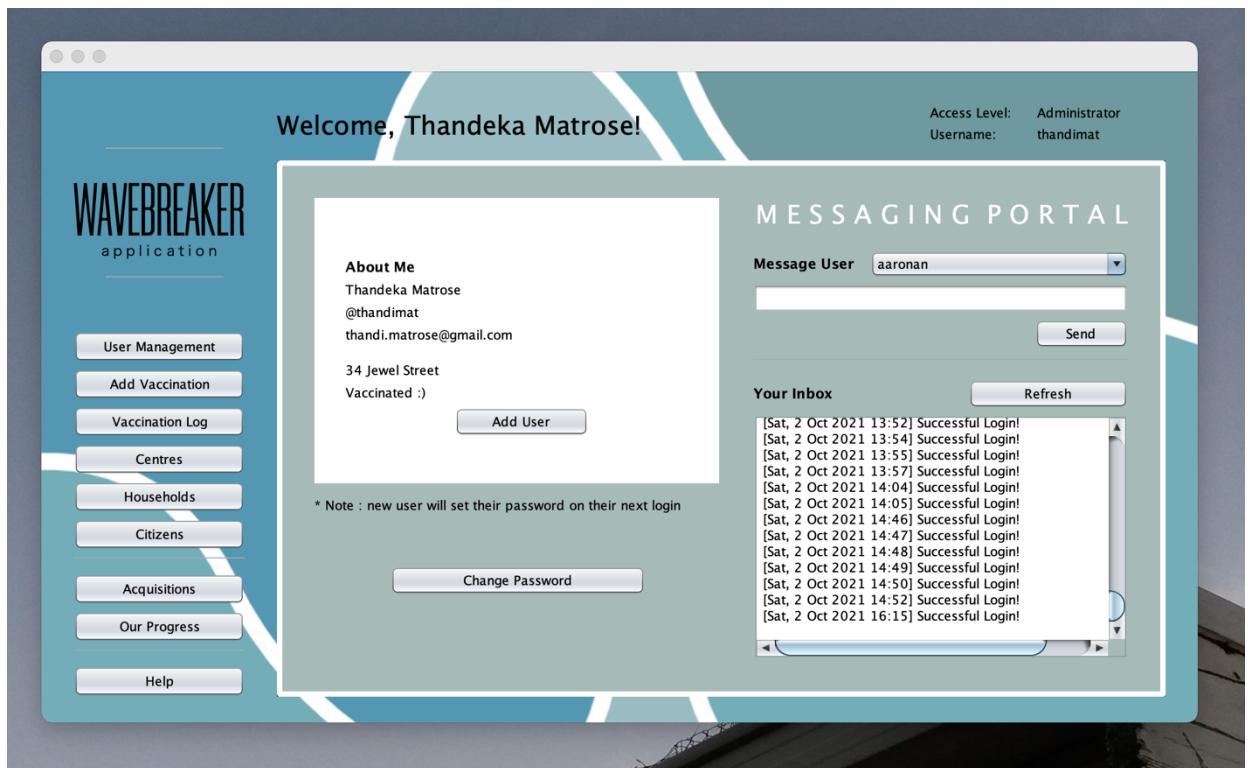
Description	This is the outline of the application		
Security Group	User + Admin		
	Data	Actions	
Type	Name		
JButton	btnUserManagement	(clicked)	pnLUserManagement is displayed in desktop pnl Container
JButton	btnAddVaccination	(clicked)	pnLAddVaccination is displayed in desktop pnl Container
JButton	btnVaccinationLog	(clicked)	pnLVaccinationLog is displayed in desktop pnl Container
JButton	btnCentre	(clicked)	pnLCentre is displayed in desktop pnl Container
JButton	btnHousehold	(clicked)	pnLHousehold is displayed in desktop pnl Container
JButton	btnCitizen	(clicked)	pnLCitizen is displayed in desktop pnl Container
JButton	btnAcquisitionPanel	(clicked)	pnLAquisition is displayed in desktop pnl Container
JButton	btnOurProgressPanel	(clicked)	pnLOurProgress is displayed in desktop pnl Container
JButton	btnHelp	(clicked)	pnLHelp is displayed in desktop pnl Container
JDesktopPane	desktop pnl Panel Container* (default panel displayed is pnLHomeScreen)		

## JPanel pnlHomescreen



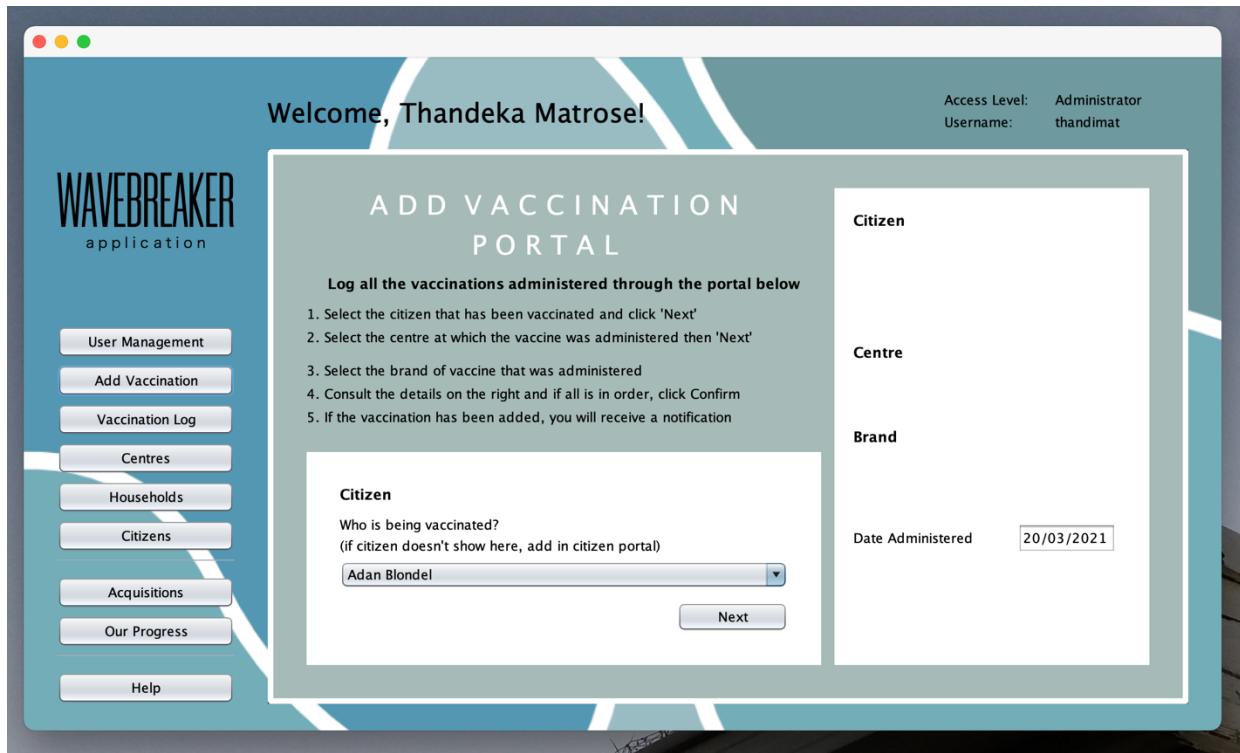
Description	This is the Homescreen featuring the logo	
Security Group	User + Admin	
Type	Data	Actions
JLabel	lblLogo	
JLabel	lblUsername	
JLabel	lblAdministrationLevel	
JLabel	lblWelcome	

## JPanel pnUserManagement



Description	This is the screen where users may send messages to other users, receive messages themselves, view details about themselves, add a new user and change their password		
Security Group	User + Admin		
	<b>Data</b>		
Type	Name		Actions
JLabel	lblMessagingPortal		
JButton	btnSend	(clicked)	Message in txfUserMessage is sent to User selected in cmbUser
JCombobox	cmbUsers		
JTextField	txfUserMessage		
JButton	btnRefresh	(clicked)	The messages for the current user are reread
JTextArea	txaUserMessages		
JButton	btnAddUser	(clicked)	New User can be added
JButton	btnChangePassword	(clicked)	The user may change their own password

## JPanel pnlAddVaccination



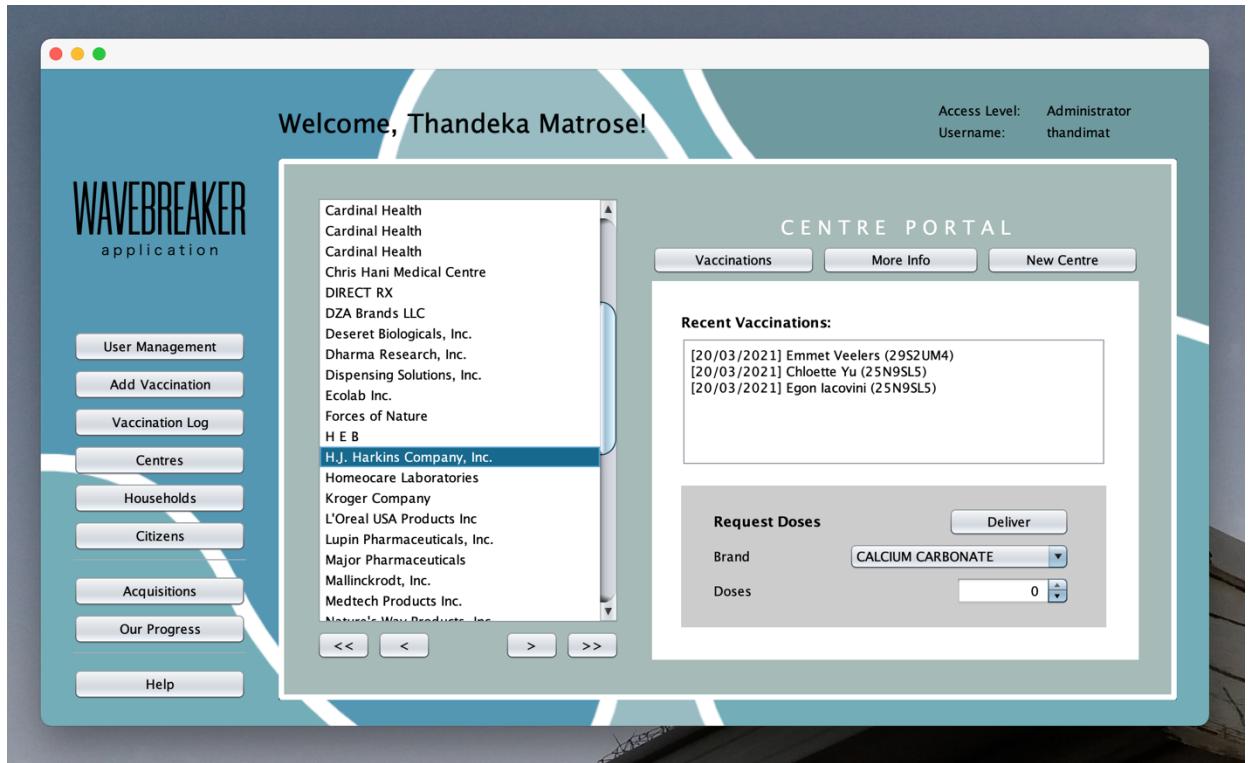
Description	This is the protal through which new vaccinations may be added		
Security Group	User + Admin		
Type	Data	Actions	
JLabel	lblAddVaccinationPortal		
JLabel	lblExplanation		
JPanel	pnlDetails		
JTextField	txfDate		
JButton	btnAddVaccinationNext	(clicked)	A new vaccination can be added

## JPanel pnlVaccinationLog



Description	This is the screen that displays all of the vaccinations that have happened and offer the option of sorting the table																																						
Security Group	User + Admin																																						
Type	<table border="1"> <thead> <tr> <th>Data</th><th colspan="2">Actions</th></tr> </thead> <tbody> <tr> <td>Name</td><td></td><td></td></tr> <tr> <td>JLabel</td><td>lblVaccinationLog</td><td></td></tr> <tr> <td>JTable</td><td>tblVaccinationLog</td><td></td></tr> <tr> <td>JButton</td><td>btnSelect</td><td>(clicked)</td><td>User views all of the details about selected vaccination</td></tr> <tr> <td>JButton</td><td>btnSortDate</td><td>(clicked)</td><td></td></tr> <tr> <td>JButton</td><td>btnVaccinationLogDate</td><td>(clicked)</td><td>The tblVaccinationLog is sorted by date</td></tr> <tr> <td>JButton</td><td>btnVaccinationLogCentre</td><td>(clicked)</td><td>The tblVaccinationLog is sorted by centre</td></tr> <tr> <td>JButton</td><td>btnVaccinationLogCitizen</td><td>(clicked)</td><td>The tblVaccinationLog is sorted by citizen</td></tr> <tr> <td>JButton</td><td>btnVaccinationLogBrand</td><td>(clicked)</td><td>The tblVaccinationLog is sorted by brand</td></tr> </tbody> </table>			Data	Actions		Name			JLabel	lblVaccinationLog		JTable	tblVaccinationLog		JButton	btnSelect	(clicked)	User views all of the details about selected vaccination	JButton	btnSortDate	(clicked)		JButton	btnVaccinationLogDate	(clicked)	The tblVaccinationLog is sorted by date	JButton	btnVaccinationLogCentre	(clicked)	The tblVaccinationLog is sorted by centre	JButton	btnVaccinationLogCitizen	(clicked)	The tblVaccinationLog is sorted by citizen	JButton	btnVaccinationLogBrand	(clicked)	The tblVaccinationLog is sorted by brand
Data	Actions																																						
Name																																							
JLabel	lblVaccinationLog																																						
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JButton	btnSelect	(clicked)	User views all of the details about selected vaccination																																				
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JButton	btnVaccinationLogCitizen	(clicked)	The tblVaccinationLog is sorted by citizen																																				
JButton	btnVaccinationLogBrand	(clicked)	The tblVaccinationLog is sorted by brand																																				

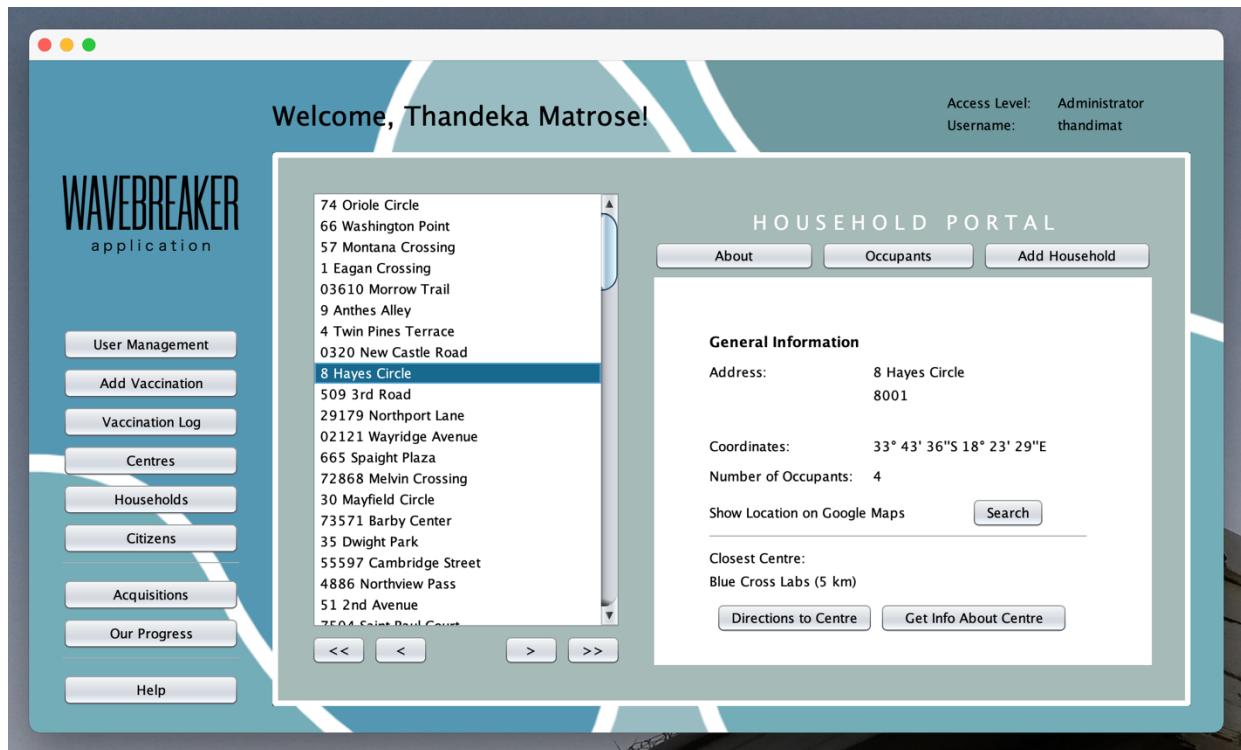
## JPanel pnlCentre



Description	This is the screen to perform all tasks relating to vaccination centres such as adding new centres and viewing recent vaccinations		
Security Group	User + Admin		
	<b>Data</b>		
Type	Name		
JLabel	lblCentrePortal		
JTextArea	txaRecentVaccination		
JList	IstCentre	(itemselected)	The recent vaccinations are displayed in txaRecentVaccination
JButton	btnVaccinations	(clicked)	The details of the vaccinations that have happened at that centre through pnlRecentVaccinations
JButton	btnMoreInfo	(clicked)	The details of the centre are made visible through pnlCentreAbout
JButton	btnNewCentre	(clicked)	(for admin) User may add new centre through pnlCentreAddCentre
JPanel	pnlCentreVaccinations		
JPanel	pnlCentreOccupants		
JPanel	pnlCentreAddCentre		
JComboBox	cmbAcquisitionBrand		
JSpinner	spnCentreAcquisitionDoses		

<i>JButton</i>	btnDeliverDoses	(clicked)	Doses as specified by spnCentreAcquisitionDoses of the brand of cmbAcquisitionBrand delivered to the centre
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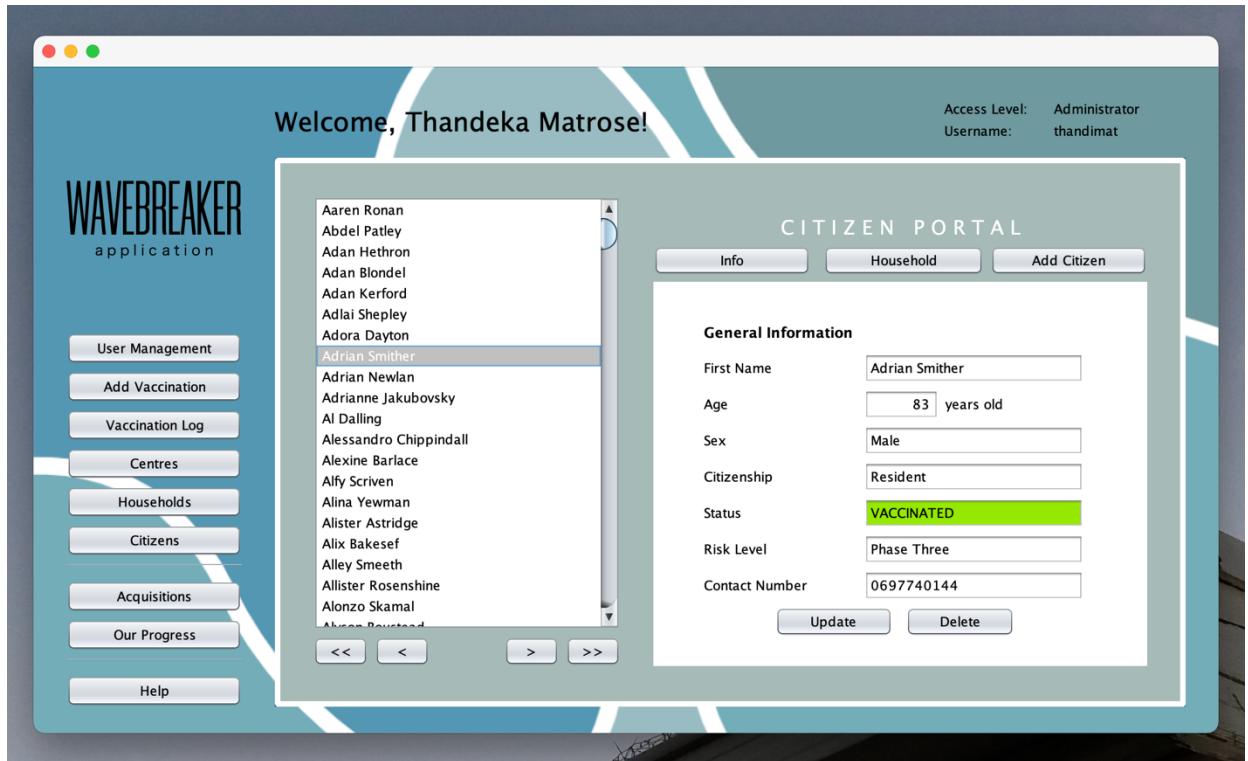
## JPanel pnlHousehold



Description	This is the screen to perform all tasks relating to households such as adding new households and viewing the occupants in that household including the occupants		
Security Group	User + Admin		
	Data	Actions	
Type	Name		
JLabel	lblHouseholdPortal		
JList	IstHousehold	(itemChanged)	The details of the households are visible
JButton	btnHouseholdDirectionsToCentre	(clicked)	Browser opens to Google Maps showing direction from household to Centre
JButton	btnHouseholdGoogleMaps	(clicked)	Browser opens to Google Maps showing position of household
JButton	btnHouseholdAbout	(clicked)	User views details about a household through pnlHouseholdAbout
JButton	btnHouseholdOccupants	(clicked)	User views the occupants about a household through pnlHouseholdOccupants
JButton	btnHouseholdAddHousehold	(clicked)	(for admin) User may add a new household through pnlHouseholAddHousehold
JPanel	pnlHouseholdAbout		
JPanel	pnlHouseholdOccupants		

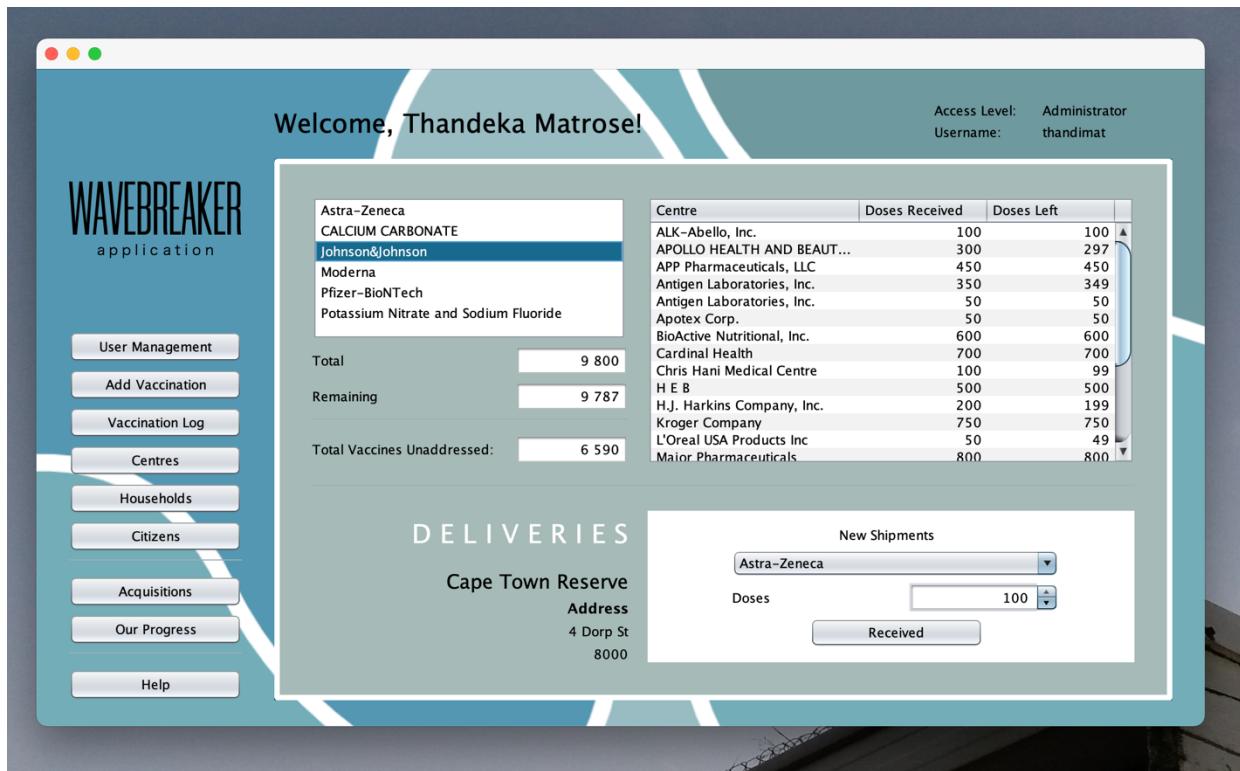
<i>JPanel</i>	pnlHouseholdAddHousehold		
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## JPanel pnLCitizen



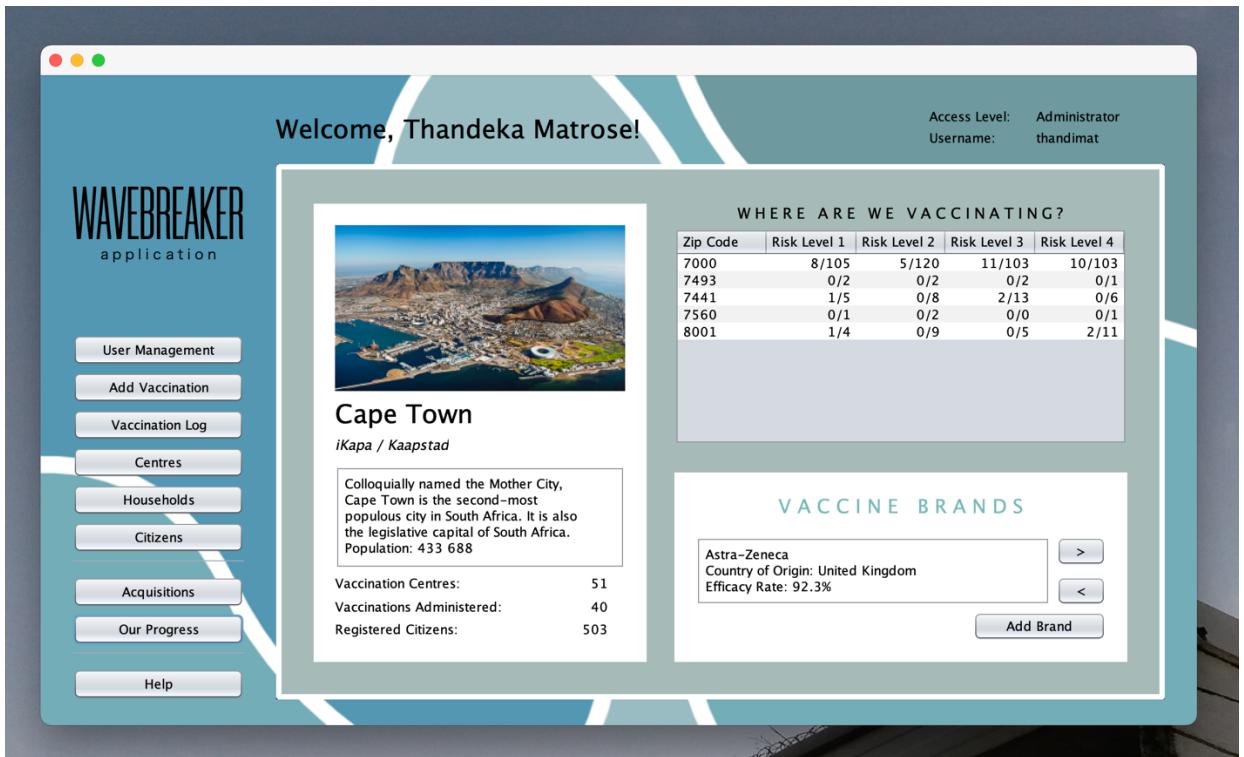
Description	This is the screen to perform all tasks relating to citizens such as adding new citizens and viewing details about the citizens including their household		
Security Group	User + Admin		
	<b>Data</b>		
Type	Name		
JLabel	lblCitizenPortal		
JList	lstCitizen	(itemChanged)	the details about selected Citizen are visible
JButton	btnCitizenAbout	(clicked)	User views details about a citizen through pnLCitizenAbout
JButton	btnCitizenHousehold	(clicked)	User views the details about the household that the citizen is living in through pnLCitizenHousehold
JButton	btnHouseholdAddHousehold	(clicked)	(for admin) User may add a new household through pnLCitizenAddCitizen
JPanel	pnlCitizenAbout		
JPanel	pnlCitizenHousehold		
JPanel	pnlCitizenAddCitizen		

## JPanel pnIAcquisition



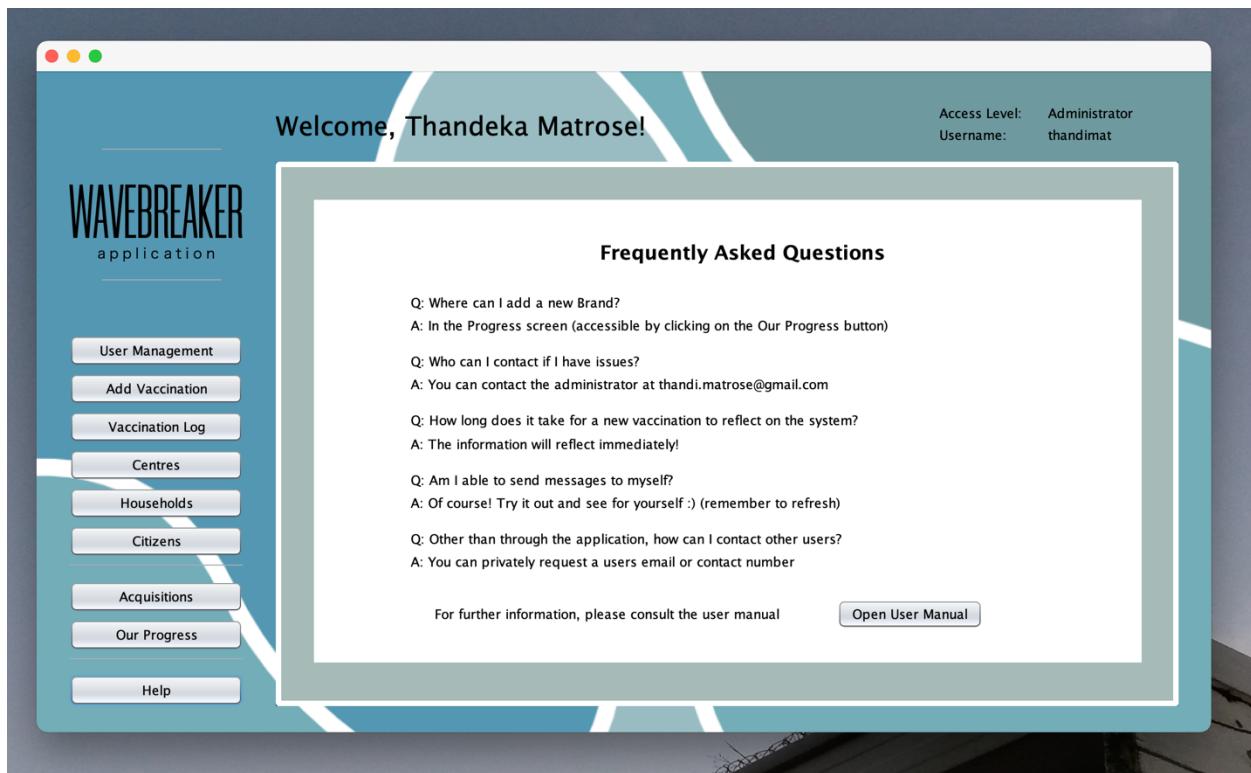
Description	This is the screen where a user may view where all the vaccines are distributed; Users can also declare doses shipped into Cape Town		
Security Group	User + Admin		
	<b>Data</b>		
Type	Name		
JTable	tblCentreVaccines		
JList	IstBrand	(itemChanged)	The tblcentreVaccines is updated to show where all of the vaccines of that brand are distributed across Cape Town
JTextField	txfTotalDoses		
JTextField	txfSupplyLeft		
JTextField	txfTotalVaccinesUnaddressed		
JComboBox	cmbAcquisitionsCapeReserveBrand		
JSpinner	spnAcquisitionDoses		
JButton	btnDosesreceived	(clicked)	Doses according to spnAcquisitionDoses of the brand that is selected in cmbAcquisitionsCapeReserveBrand is delivered to the reserve centre

## JPanel pn|OurProgress



Description	This is the screen that gives an overall view of what is happening in the city. This screen is also a way for the user to add a new Brand		
Security Group	User + Admin		
	Data	Actions	
Type	Name		
JPanel	pnlInfo		
JPanel	pnlBrand		
JTable	tblZipCode		
JButton	btnAddBrand	(clicked)	User clicks this to add a new Brand

## JPanel pnHelp



Description	This is the Help Screen that show the frequently asked questions and open the user manual if required		
Security Group	User + Admin		
	Data	Actions	
Type	Name		
JButton	btnOpenManual	(clicked)	User clicks Open User Manual, and the User manual is opened in the users default pdf viewer