# Sprint 3 blackbox tests

## User story testing

3.3 As Charlie, as a user I want to see instructions for using the prediction feature, so I can use it correctly. S

| **Test no.** | **Description** | **Action or input** | **Expect output** | **Actual output** |
| --- | --- | --- | --- | --- |
| 034 | The help button is obvious and intuitive on the Feature 3 container | Look at feature 3 and find help button | Easily found on the top right being a “?” |  |
| 035 | Open up help menu/instructions for the Engine feature | Click the ? button on the top right of the feature | The instructions and information clearly appears and is readable | Menu appears when opened, instructions clearly readable |
| 036 | Close help information by clicking on the X button in the same place as the previous ? button to open it | Click the X button on the top right (same location as previous ? button) | Information disappears and rest of the feature can be seen | Menu disappears when closed: |
| 037 | Opening up help should not disrupt users current progress in inputting/reading results | - Input values into any of the input fields  - click to open help  - click to close help | Previously inputted value should still remain there | Imputed values remain after help open/close: |

1.4 As Alice, I want to be able to view a line graph of daily COVID cases so that I can anticipate the trend and order appropriate amounts of medical supplies.

| **Test no.** | **Description** | **Action or input** | **Expect output** | **Actual output** |
| --- | --- | --- | --- | --- |
| 038 | Covid cases from 10/4/2021 to 10/8/2021 are correctly displayed | Inspecting the graph during this period |  |  |
| 039 | Covid cases from 10/4/2020 to 10/10/2020 are correctly displayed | Inspecting the graph during this period |  |  |

1.3 As Alice, I want to be able to switch between viewing the case number and the graph by clicking on a different tab to be able to see information easily.

| **Test no.** | **Description** | **Action or input** | **Expect output** | **Actual output** |
| --- | --- | --- | --- | --- |
| 040 | Tabs are titled clearly based on the tab’s content to be displayed for the user | Look Below the Covid-19 in Victoria widget to view the two titles in tab format |  |  |
| 041 | A Tab that is titled “Victories Daily new cases” that gives visual feedback to users by being highlighted in a lighter colour that indicates the tab has been selected. | Click on the tab titled “Victories Daily new cases” below the COVID-19 in Victoria widget, to view the daily new cases in Victoria with a date displayed below the number of cases displayed. | - Victories Daily new cases Tab should be highlighted in a lighter color.  -the content of the tab component primarily displays the number of respectfully to the day's date. |  |
| 042 | A Tab component that is titled “Victoria’s Data Graph” that shows the trend of Covid-19 new infection cases, strictly done for users to keep track of any trends.  The selected tab will be highlighted in a lighter colour that indicates the tab has been selected. | Click on the tab titled “Victoria’s Data Graph” below the COVID-19 in Victoria widget, to view a graph that shows a trend in the number of daily COVID-19 infection cases. | -when the tab is selected, It should show a visual feedback to users that it has been selected.  -the tabs content should be a graph that shows the trend in Victoria’s new daily cases of COVID-19 infection. |  |
| 043 | Users can easily swap between tabs, from “Victoria’s Daily new cases” to “ Victoria’s Data graph”. | Users clicked on the required tab opposite tab, and the content changed to the other tab. | A smooth change in the widgets content to switch and display “ Victoria’s Data graph” as the new tab content. |  |

1.6 As Alice, I want to be able to choose the level of smoothness so I can have more control over the data.

| 044 | A sliding scale component which passes a discrete value to the data smoothing function when changed. | Holding down on the sliding button drag the node from 1 to 2. | When changing the slider, the floating number should change from 1 to 2 |  |
| --- | --- | --- | --- | --- |

1.1 & 1.2 (combined)

* As Alice, I want to immediately see the daily number of cases in large font so that I can quickly get a sense of whether I should worry about COVID flare ups.
* As Alice, I want to be able to see the date for the displayed "daily case number" so that I can make my own judgement on the data's relevancy with how up to date it is.

| 045 | In large font, ‘today’s’ daily case in Victoria is prominently displayed to the user | Content is displayed when the new daily cases tab is selected | A prominently displayed figure for Victoria’s daily case. |  |
| --- | --- | --- | --- | --- |
| 046 | Display of the data associated with the case number below the figure. | Content is displayed when the new daily cases tab is selected | Appropriate date subline displayed below the daily case number. |  |
| 047 | An information button associated to each ‘tab’ component which initiates a popup reading the source information or what the associated component does | Activated by clicking on the information symbol | A question mark or ‘i’ symbol displayed in a non-obstructing manner beside the component.  The popup should be displayed at the centre of the page in front of a low opacity overlay background |  |

1.7 As a user, I want to be able to change the start and end date period of the line graph so that I can see the previous trends. S

| 048 | Arrows use to change data range of the graph | Click left arrows | Data range, include label and cases change to 6 months ago |  |
| --- | --- | --- | --- | --- |
| 049 | Arrows use to change data range of the graph | Click right arrows, from default date | Data range, include label and cases stay the same there’s no more data in the future |  |