**USER STORIES:**

User Interface

* As a user, I want all information from the widgets to be given in a simple manner (2)
  + Test whether users that have not seen the product before can read all the information quickly.
* As a user, I don’t want any of the widgets to block sections of the mirror (3)
  + Test to make sure the widgets are transparent (pass)

Speech-To-Text

* As a user, I can use my voice to get more information from the widgets on screen (4)
  + Test on weather widget (pass)
  + Test of news widget and individual news stories (pass)
  + Test on Calendar widget (pass)
* As a user, I can interact with my mirror using only my voice to give commands (3)
  + Test it can activate without any button (pass)
  + Make sure the commands are correct (pass)
* As a user, I can search topics with my voice to I can get information quickly and conveniently (3)
  + Test it with a really long input (fail)
  + Test it with a simple search (pass)
  + Test it with a complicated search (pass)

Weather

* As a user, I can change my city from which I’d like to see the weather (2)
  + Test it with manually entered, valid city (pass)
  + Test it by acquiring the city from location services (pass)
  + Test it by manually entering an invalid city (fail)
  + Test with voice commands (pass)
* As a user, I can view the weekly forecast (1)
  + Test it with physical input (pass)
  + Test with voice command (pass)
* As a user, I can view more detailed information about the current weather conditions (2)
  + Test with physical input (pass)
  + Test with voice command (pass)
* As a user, I can change the weather widget to display information in metric or imperial units (1)
  + Test with physical input (pass)
* As a user, I can minimize the weather widget if I wish to not view it at the moment on the mirror (1)
  + Test with physical input (pass)
  + Test with voice command (pass)
* As a user, I can move the weather widget around the mirror, and determine the size and shape of the widget (3)
  + Test with changing size (pass)
  + Test with moving the widget (pass)

News Story:

* As the owner of the mirror, I Want to be able to open the news articles when I click them so that I can look into the articles in detail.(4)
  + Test with no internet connection (fail)
  + Test it with Voice(pass)
  + Test it with blank webpage(pass)
  + Test it with Google News Webpage(pass)
  + Test it with Popup window(pass)
  + Test it with Opening Application(pass)
  + Test it with Internet connection(pass)
* As the owner of the mirror, I want relatable and interesting news articles to

be shown and to be able to filter certain types of news articles so that I can remove uninteresting articles and have a higher chance of something I am actually interested in being shown.(5)

* Test it with Gmail Account(pass)
* Test it with Tags(pass)
* Test it with Topics(pass)
* Test it with Recent History(pass)
* Test it with Set Preferences(pass)
* As the owner, I want the news articles to be sorted in priority so that if I do not have the time to look at an article at the moment, it does not disappear.(2)
  + Test it with timer (pass)
  + Test it with updates (pass)
  + Test it with pins (pass)
* As the owner, I want to be able to remove articles after I am done with them so that the feed can be more accessible to me. (2)
  + Test it with Delete button (pass)
  + Test it with Auto-remove settings (pass)

Google Calendar

* As a user, I want to view my calendar and the events planned. (3)
  + Test it with voice command (pass)
  + Test it with no internet connection (pass)
  + Test it after an insertion (pass)
  + Test it after a deletion (pass)
* As a user, I can add events to the calendar (1)
  + Test it with voice commands (pass)
  + Test it with no internet connection (fail)
  + Test event insertion on a past time (fail)
* As a user, I want to set the events’ title and type while inserting. (1)
  + Test it with voice commands (pass)
  + Test it with no internet connection (fail)
  + Test it with empty input (fail)
  + Test it with non-empty input (pass)
  + Test it with different types (pass)
* As a user, I can delete events from the calendar. (1)
  + Test it with voice commands (pass)
  + Test it with no internet connection (fail)
* As a user, I can switch the calendar to a daily, weekly or monthly view so that I can plan my routine accordingly. (3)
  + Test it with voice command(pass)
  + Test it with no internet connection (pass)
  + Test the daily view (pass)
  + Test the weekly view (pass)
  + Test the monthly view (pass)
* As a user, I want to get notification of the event prior to the scheduled time. (1)
  + Test it with no internet connection (pass)
* As a user, I want to know if anything special is coming such as someone’s birthday or holidays. (1)
  + Test it with no internet connection (fail)
  + Test it with someone’s birthday (pass)
* In order to view all of the calendar as a user, I want the time frame to be able to go back and forth. (1)
  + Test it with no internet connection (fail)
  + Test moving backward (pass)
  + Test moving forward (pass)

Date and Time

* As a user, I want to know the current date and time. (1)
  + Test it with voice command (pass)
* As a user, I want to know time in major cities. (1)
  + Test it with voice command (pass)
  + Test switching cities
* As a user, I want to set alarm clocks. (1)
  + Test it with voice command (pass)
* As a user, I want to change between digital and analogue clocks. (1)
  + Test digital clock (pass)
  + Test analogue clock (pass)

User System

As the admin account, I want to be able to make a new profile/account for someone else that will be accessible from the login screen (1)

-test login to admin account, go to settings area, add new user profile, enter data, logout, see if new profile appears and can be used (pass)

As a user, I want to be able to select my account and use the interface with all my data set (gmail/calendar/news, etc.) (3)

-test by selecting account and seeing if configured accounts / data is retrieved (pass)

As a user, I want to be able to change my account username (0.5)

-login to user and attempt to change account name (pass)

-login to user and attempt to change account name to empty (fail)

-login to user and attempt to change account name to length exceeding 50 chars (fail)

As a user, I want to be able to logout of my account so that others cannot see my emails and news etc. (0.5)

-login to user, logout of user, ensure data cannot be accessed (pass)

-login to user, leave for 5 minutes (logout should occur and lock)

As a user, I want to be able to configure where each of the interface elements appears on the mirror (rearrange / configure how I like) (2)

-rearrange interface elements, see if It works and logout and login and see if it persists (pass)

Gmail (more will be added as the functionality is explored)

-As a user logged in I want to be able to configure my gmail inbox to my account (4)

-As a user, I want to be notified when a new email reaches my inbox (2)

-As a user I want to be able to request that my email is read out (2)

Lighting System

* As a user I can turn the lights on and off
  + Test with using an element of the lighting widget UI (pass)
  + Test with using voice commands (pass)
* As a user I can adjust the brightness of the lights
  + Test it with a slider built into the lighting widget UI (pass)
  + Test it with voice commands, using percentage as measure of desired brightness (pass)
* As a user I can change the colour of the lights (if they are RGB enabled)
  + Test it with entering a hexcode into the lighting widget UI (pass)
  + Test it by choosing one of several pregenerated, generic colours such as blue, green, red etc. (pass)
  + Test choosing a preset colour with voice commands (pass)

| Epic | Story | Story Points |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |