**BRIGHT LIGHT SYSTEMS CORE FEATURE SET**

**Operations on HUE:**

1. Connecting to the bridge and storing its metadata to the list of bridges.
2. Naming the bridge
3. Naming the light bulbs.
4. During naming a light bulb, it blinks (none of other apps do that!)
5. Renaming the bridge
6. Renaming the light bulbs.
7. During renaming a light bulb, it blinks.
8. Removing the bridge from the list of bridges.
9. Changing a single lightbulb characteristics

* From color pallet
* From Image

1. Changing multiple lightbulbs characteristics.

**Operations on Groups:**

1. Create/remove a group
2. Name/rename
3. Add/remove a lightbulb to a group
4. Change characteristic of entire group, e.g. adding more specific color to all defined colors, changing brightness, etc.
5. Set/edit characteristics of specific lightbulbs in the group.
6. Combine multiple groups to a single group (group of groups).
7. Add group to favorites.

**Operations on Themes:**

1. Create/remove
2. Name/rename
3. Set/edit characteristics of specific lightbulbs in the theme
4. Change characteristic of entire theme, e.g. adding more specific color to all defined colors, changing brightness, etc.
5. Combine multiple themes into one (theme of themes)
6. Create themes from fragments of other themes ( I don’t see the application of this yet, but Craig suggested so I’m adding this one here too)
7. Add themes to favorites.

**Views:**

1. List of themes
2. List of groups
3. List of lightbulbs assigned to connected bridge
4. List of all bridges
5. View single bridge
6. View single lightbulb
7. View single group
8. View single theme
9. Color picker view
10. Color picker form an image view
11. Creating a them view
12. Creating a group view
13. Combining a theme view
14. Combining a group view

**Other Features (not modules):**

1. Filtering:

* Alphabetic (default)
* Most recent
* Most used
* Favorites