**Schedule Metric Iteration 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 1 | 11 days | 14 days | 0.79 | Move on to iteration 2.  Eat into buffer days |

**Mitigation Plan**

What if we overrun iteration?

1. Eat into buffer days
2. Drop optimization if we exceed the number of buffer days which is 6

With our current planning, iteration 5 is catered for optimization so we would be removing iteration 5 to cater for buffer days.

What happens if we overrun the PP session?

* We will work longer hours to finish to the feature as we are feature-boxers.

What if we finished it earlier than our planned iteration?

* We will shift our schedule forward
* Increase buffer days

**Schedule Metric Iteration 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 2 | 8 days | 9 days | 0.89 | Move on to iteration 3. |

**Mitigation Plan**

What if we overrun iteration?

1. Eat into buffer days
2. Drop optimization if we exceed the number of buffer days which is 6

With our current planning, iteration 5 is catered for optimization so we would be removing iteration 5 to cater for buffer days.

What happens if we overrun the PP session?

* We will work longer hours to finish to the feature as we are feature-boxers.

What if we finished it earlier than our planned iteration?

* We will shift our schedule forward
* Increase buffer days

**Schedule Metric Iteration 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 3 | 11 days | 13 days | 0.84 | Move on to iteration 4. |

**Mitigation Plan**

1. The schedule was delayed by 2 days, therefore we eat into 2 buffer days and are left with 3 buffer days. There was a delay because there was a feature update in the wiki for social activeness report, hence the function was incomplete. As we are feature boxers, we decided to complete the function before moving to the next iteration.
2. As we scheduled 8 hours for smartphone overuse in Iteration 3, but advanced smartphone overuse in Iteration 4 is more difficult, we will schedule more hours for it.
3. Since our schedule metric is still within the acceptable range and we still have buffer days remaining, we will not drop any functionalities. We will drop optimization only if we exceed the number of buffer days

What happens if we overrun the PP session?

* We will work longer hours to finish to the feature as we are feature-boxers.

What if we finished it earlier than our planned iteration?

* We will shift our schedule forward
* Increase buffer days

**Schedule Metric Iteration 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 4 | 8 days | 8 days | 1.00 | Move on to iteration 5. |

**Mitigation Plan**

No further changes to be made for iteration 5 duration. Bug for Top K School (Bug No. 28 in bug log) will be resolved in iteration 5.

What happens if we overrun the PP session?

* We will work longer hours to finish to the feature as we are feature-boxers.

What if we finished it earlier than our planned iteration?

* We will shift our schedule forward
* Increase buffer days

**Schedule Metric Iteration 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 5 | 9 days | 9 days | 1.00 | Move on to iteration 6. |

**Mitigation Plan**

No further changes to be made for iteration 6 duration. Bug discovered during UAT will be resolved immediately in iteration 6.

What happens if we overrun the PP session?

* We will work longer hours to finish to the feature as we are feature-boxers.

**Schedule Metric Iteration 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Estimated Time** | **Actual Time** | **Schedule Metric** | **Follow Up Actions** |
| 6 | 11 days | 11 days  (Predicted to end on time, on the day of Final Presentation) | 1.00 | - |