

| No             | Issues   | Date                           |
|----------------|--|--------------------------------|
| 1.             | Bring back 13 pages of CIKM version  | Done                           |
| 2.             | Fixing big flaws Max-Min Greedy algorithm <ul style="list-style-type: none"> <li>- Sort based on diversity like top-1 which is implemented on Swap</li> <li>- Update minimum bound</li> <li>- Observe the pruning performance</li> </ul>   | 14 – 15, 18 June               |
| 3.             | Read more related works <ul style="list-style-type: none"> <li>• Fixing the reference format, especially the author name</li> <li>• Read more papers related to visualization recommendation systems</li> <li>• See what kind of used datasets</li> <li>• Read more papers related to query similarity (Edit distance)</li> <li>• Read more papers related to diversity</li> <li>• Read more papers related to PI, skewed distribution, etc</li> </ul> | Parallel works<br>14 – 30 June |
| 4.             | Looking for another dataset  | 14 - 30 June                   |
| 5.             | Studying and implementing KL Divergence distance to our experiments. <ul style="list-style-type: none"> <li>- Impact distance for pruning performance, it may have different performance compare to current approach.</li> </ul>   | 18, 19, 20 June                |
| 6.             | Looking for mathematically proven the maximum bound of Euclidean distance = $\sqrt{2}$   | 18, 19, 20 June                |
| 7.             | Max-sum and Max-min diversification  | 18, 19, 20 June                |
| <b>Meeting</b> |  |                                |
| 8.             | Observing impact of K of two DiVE schemes (Greedy and dSwap technique) <ul style="list-style-type: none"> <li>- Observe the impact of increasing K while the <math>\lambda</math> is constant to pruning performance</li> </ul>  | 21 – 22 June                   |
| 7.             | Apply pruning on Flights dataset, update the total cost figure with the cost after pruning   | 21 – 22 June                   |
| 9.             | Rectifying bound mistake while running pruning schemes   | 25 – 28 June                   |
| 11.            | Understanding Swap complexity <ul style="list-style-type: none"> <li>- CPU and I/O cost especially for the dataset which has large number of attributes.</li> <li>- Calculating the number of distance computation on Swap algorithm</li> </ul>  | 25 – 28 June                   |
| 12.            | Add more figures in the paper draft <ul style="list-style-type: none"> <li>- Paper should has more figures such as Figure to compared between Greedy and Swap</li> </ul>   | 29 June                        |