Minutes Saturday 8/05 - Team Standup

Date   : Saturday 8/05/21, 5-6pm
Attendees : James Cleaver, Md Ruhul Amin Sarker, Peter Morian, Jittinun (Nee) Trairattanasirikul

1. Tools: Github - source control, JIRA - project management, Draw.io - mindmap, Colab- collaboration & documentation
2. Today demand is an output of algorithm where temperature is a main parameter. Currently, energy demand doesn't taking into an account of solar.
3. Current temperature data is from Bankstown airport. We should look into similar temperature for New Castles and Woolongong.
4. Additional data:
4.1 Cloud cover data which affect demand from solar related. Currently, cloud data is monthly rollup - need to find daily data.
4.2 Public holidays - https://data.gov.au/data/dataset/australian-holidays-machine-readable-dataset
5. Transformation:
5.1 Merge dataset
5.2 Temperature data has different time scale so we need to take an average to convert into the same time scale
5.3 Put in days of week and public holidays
6. Model: everyone agrees to go with neural network and if have time will explore other models.
7. James will help create a document and book consultation - Gustavo Wednesday 1pm
8. Daily standup - twice a week on Wednesday (7pm?) and Saturday 5pm for Retro

Action:
1. Book consultation (James)
2. Merge dataset (Ruhul/Nee)

Next meeting:
Wednesday 7pm