

**The University of the West Indies**

**Department of Computing and Information Technology**

**Undergraduate Project Course**

**Weekly Status Report Template**

**Project: minter Date: 31/03/2020 - 13/04/2020**

**Implementation Status –** All four models operational

**Highlights -** The group is back on track based on the schedule created. The experimental Process is halfway completed.

**Risks or Issues List –** No major risks or issues were presented during this time frame.

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| **Date Entered** | **Risk or Issue** | **Description** | **Resolution** | **Status** |
| 10/04/2020 | Datasets fitting problem | Some datasets refused to be fitting no matter the parameter tuning conducted,  Some fitted well for some models well others were poor in performance, therefore alternatives had to be sourced to ensure an adequate number of datasets are collected for us to run the experiments | Look for access to the Time Series Data Library, Try other sources for seasonal datasets | Resolved |
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**Tasks in Progress or Completed in the Last Iteration**

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| --- | --- | --- | --- |
| **Task Name** | **Description** | **Team Member Responsible** | **% Complete** |
| Running the experiment for BPNN | The experimental process began for the BPNN model, and its parameters was fixed per dataset and the performance results were recorded at face value. | All Members | 100% |
| Fine tuning the Neural ODE code | Parameter tuning the Neural ODE code before we move to the experiments. | All Members | 100% |
| Running the experiment for Neural ODE | The experimental process began for the Neural ODE model, and its parameters was fixed per dataset and the performance results were recorded at face value | All Members | 100% |
| Dataset Refined | Researched for more datasets as some were quite challenging to fit across models therefore replacements were sort after | All Members | 100% |
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**Upcoming Tasks for the Next Iteration**

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| **Task Name** | **Description** | **Team Member Responsible** |
| Rerun of the experimental Process | As we ran into a fitting issue, we would rerun the experiments for all models on the new datasets to replace the old datasets that did not performance well. | All Members |
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