| Months | | Summer | | | | | November | | | | | Dece | | r | | | uary | | February | | | | March | | | | April | | | |
|----------------------------|-------------------------|--------|----------|---|---|---|----------|---|---|---|---|----------|--|-------|---|---|----------|------|----------|--------|---|---|-------|---|---|--|-------|---|---|----------|
| Weeks | | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Background Research | Machine Learning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | Neural Networks | | | | | | | | | | | | | | | | <u> </u> | | | | | | | | | <u> </u> | | | | _ |
| | CNNs & RNNs | | | | | | | | | | | | <u>. </u> | | | | | | | | | | | | | i i | | | | \vdash |
| | GNNs & alterations | Added | | | | | | | | | | | | | | | i | | | | i | | | | | | | | | |
| | Pathfinding | | | | | | | | | | | | <u> </u> | | | | - | | Can | cellec | 1 | | | | | • | | | | |
| Project Brief | | | | | | | | | | | | | | | | | | | | | | | | | | : | | | | <u> </u> |
| Dataset finding & Analysis | | | | | | | | | | | | | <u> </u> | | | | | | | | | | | | | | | | | <u> </u> |
| Data Preprocess | Localised Designs | | <u> </u> | | | | | | | | | | <u>. </u> | | | | i | | | | | | | | | <u> </u> | | | | _ |
| | Global Designs | | • | | | | | | | | | | • | - | | | A | dded | | | | | | | | | | | | - |
| Design Models | Simple LSTM | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | | | <u> </u> |
| | LSTM + spatial features | | | | | | | | | | A | dded | | | | | | | | | | | | | | | | | | <u> </u> |
| | ST-LSTM | | ! | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | GCN-LSTM | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| Model Training | Simple LSTM | | | | | | | | | | | | | | | | | | | | | | | | | i ! | | | | \equiv |
| | LSTM + spatial features | Added | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ST-LSTM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| | GCN-LSTM | | | | | | | | | | • | | - | | | | Ac | dded | | | | | | | | i | | | | |
| Pathfinding Demostration | | | | | | | | | | | | | | | | | - | | Can | cellec | i | | | | | | | | | |
| Report Writing | Progress | | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| | Final | | i i | | | | | | | | | | i i | | | | i | | | | | | | | | | | | | |
| | Holidays | i | • | | | | | | | • | | <u> </u> | Hol | idays | | į | | | | | | | • | | | Holi | days | | į | |

