|   | Dece | mber  | January |    |    |    | February |    |    |    | March |    |       |    | April |    |    |  |
|---|------|-------|---------|----|----|----|----------|----|----|----|-------|----|-------|----|-------|----|----|--|
|   | W3   | W3 W4 | W1      | W2 | W3 | W4 | W1       | W2 | W3 | W4 | W1    | W2 | W3 W4 | W1 | W2    | W3 | W4 |  |
| T1.0: Design User Interface                               |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T2.0: Setup and Configure Client/Server using MQTT        |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| M1: Test MQTT function implementation                     |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T3.0: Create separate user classes                        |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| D1: Project Plan  |      |       |         | 17 |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T4.0: Implement User Interface                            |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T7.0: Develop user profile and control panel              |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| D2: Project Design  |      |       |         |    |    |    | 7        |    |    |    |       |    |       |    |       |    |    |  |
| T6.0: Implement security features and protocols           |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| M2: Test Security implementation                          |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T5.0: Implement event listeners                           |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| M3: Test Event listeners                                  |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T8.0: Implement file transfer feature                     |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| M4: Test File transfer features                           |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| T9.0: Setup a local database                              |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| D3: Reference Manual                                      |      |       |         |    |    |    |          |    |    | 28 |       |    |       |    |       |    |    |  |
| T10.0: Consider the implementation of additional features |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    |    |  |
| D4: Test Plan   |      |       |         |    |    |    |          |    |    |    |       |    |       | 28 |       |    |    |  |
| D5: Final Report  |      |       |         |    |    |    |          |    |    |    |       |    |       |    |       |    | 25 |  |