**Sprint 1**

In sprint 1 we will be delivering 7 user stories; our sprint consists of 3 weeks which are described as below:

# Week 1

In week 1, we will focus on core things i.e. creating database table and developing test cases and testing techniques for the user stories

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| Deliverables | Timing | Role (assigned to) | Target (to cover) |
| Creating database table (11 tables) and Equivalence partition testing for viewing delivery docket (Delivery Person’s) – DEB3 | 3 hrs: Database table  2 hrs: Partition testing | Jyotik Mayur | 100% |
| Develop test cases, Equivalence partition testing & boundary value analysis for Newsagent Login and Registration (CUS1 and CUS2) | 3 hrs: Partition testing and boundary value analysis  2 hrs: designing test cases for both the user stories | Chhaya Sharma | 100% |
| Develop test cases, Equivalence partition testing & boundary value analysis for Delivery Person’s registration (DEB1) | 2.5 hrs: Partition testing and boundary value analysis  2.5hrs: designing test cases for both the user stories | Xinying Luo | 100% |
| Develop test cases, Equivalence partition testing & boundary value analysis for Delivery Person’s Login (DEB2) | (same as above) | Pranav Thakur | 100% |

# Week 2:

In week 2, we will code for authentication of both newsagent and delivery person. We will cover 4 user stories in this week (having 3 story points per user story) so we will be taking 1 user story per person

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| Deliverables | Timing (considering worst case scenario) | Role (assigned to) | Target to cover (%) |
| CUS 1 (Newsagent Login)  Test case & Equivalence Partition Testing & boundary Value Analysis  Coding  JUnit | 2 hrs: Test case & Equivalence Partition Testing & boundary Value Analysis  2.5 hrs: Coding and jUnit  0.5 hr: Group meeting | Chhaya Sharma | 100% |
| CUS 2 (Newsagent Registration)  Test case & Equivalence Partition Testing & boundary Value Analysis  Coding  JUnit | 2 hrs: Test case & Equivalence Partition Testing & boundary Value Analysis  2.5 hrs: Coding and jUnit  0.5 hr: Group meeting | Jyotik Mayur | 100% |
| DEB1 (Delivery Person Registration)  Test case & Equivalence Partition Testing & boundary Value Analysis  Coding  JUnit | 2 hrs: Test case & Equivalence Partition Testing & boundary Value Analysis  2.5 hrs: Coding and jUnit  0.5 hr: Group meeting | Xinying Luo | 100% |
| DEB2 (Delivery Person Registration)  Test case & Equivalence Partition Testing & boundary Value Analysis  Coding  JUnit | 2 hrs: Test case & Equivalence Partition Testing & boundary Value Analysis  2.5 hrs: Coding and jUnit  0.5 hr: Group meeting | Pranav Thakur | 100% |

# Week 3:

In week 3, we will be covering 3 user stories:

1. Creating Subscription
2. Read Subscription
3. Delete Subscription

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| Deliverables | Timing (considering worst case scenario) | Role (assigned to) | Target to cover (%) |
| SUB1 (Subscription Creation)  Test case & Equivalence Partition Testing & boundary Value Analysis  Coding  JUnit | 2 hrs: Coding,  2.5 hrs: unit testing,  0.5 hr: Group meeting | Jyotik Mayur | 100% |
| SUB2 (Read Subscription)  Coding  Junit  Sprint Planning | 1.5 hrs: Coding,  1 hr: jUnit testing,  1 hr: Group meeting & Integrating all user Stories  1.5 hour: Sprint Planning | Chhaya Sharma | 100% |
| SUB3 (Delete Subscription) | 2 hrs: Coding,  2.5 hrs: jUnit testing,  0.5 hr: Group meeting | Xinying Luo | 100% |
| Integrating All user Stories |  | Jyotik Mayur  Chhaya Sharma  Pranav Thakur | 100% |