




















































































































|     |      | Name                                             | Duration        | Start                   | Finish                  | Predec... | Resource Names                                                                                     |
|-----|-------------------------------------------------------------------------------------|--------------------------------------------------|-----------------|-------------------------|-------------------------|-----------|----------------------------------------------------------------------------------------------------|
| 1   |                                                                                     | Start                                            | 1 day?          | 2/10/20 8:00 AM         | 2/10/20 5:00 PM         |           |                                                                                                    |
| 2   |      | <b>W2: Requirements</b>                          | <b>7 days</b>   | <b>2/18/20 8:00 AM</b>  | <b>2/24/20 5:00 PM</b>  |           |                                                                                                    |
| 3   |     | Configuring Trello board                         | 7 days          | 2/18/20 8:00 AM         | 2/24/20 5:00 PM         |           | Koray Cetin                                                                                        |
| 4   |    | Researching W3C                                  | 7 days          | 2/18/20 8:00 AM         | 2/24/20 5:00 PM         |           | Mehmet Erdinç Oguz                                                                                 |
| 5   |    | Extracting requirements from project description | 4 days          | 2/18/20 9:00 AM         | 2/22/20 9:00 AM         |           | Eylul Yalcinkaya;Katarilina Korolainen;Salih Kasim Benli                                           |
| 6   |    | Categorizing requirements                        | 1 day           | 2/22/20 9:00 AM         | 2/22/20 9:00 AM         | 5         | Çagri Çiftçi;Emre Girgin;Olcayto Türker                                                            |
| 7   |    | Formalizing requirements & glossary              | 1.5 days        | 2/23/20 9:00 AM         | 2/24/20 2:00 PM         | 5;6       | Berkay Alkan;Berke Özdemir;Burak Cuhadar                                                           |
| 8   |    | Researching licensing                            | 7 days          | 2/18/20 8:00 AM         | 2/24/20 5:00 PM         |           | Çagri Çiftçi;Mehmet Erdinç Oguz                                                                    |
| 9   |    | <b>W3: Scenarios &amp; Mockups</b>               | <b>14 days</b>  | <b>2/25/20 8:00 AM</b>  | <b>3/9/20 5:00 PM</b>   |           |                                                                                                    |
| 10  |    | Fixing Requiremets                               | 7 days          | 2/25/20 8:00 AM         | 3/2/20 5:00 PM          | 7         | Burak Cuhadar;Çagri Çiftçi                                                                         |
| 11  |    | Fixing Communication plan                        | 7 days          | 2/25/20 8:00 AM         | 3/2/20 5:00 PM          |           | Eylul Yalcinkaya                                                                                   |
| 12  |    | Web Scenario & Mockup for Customer               | 4 days          | 2/27/20 8:00 AM         | 3/1/20 5:00 PM          |           | Berkay Alkan;Olcayto Türker                                                                        |
| 13  |    | Web Scenario & Mockup for Vendor                 | 4 days          | 2/27/20 8:00 AM         | 3/1/20 5:00 PM          |           | Emre Girgin;Salih Kasim Benli                                                                      |
| 14  |    | Mobile Scenario & Mockup for Guest               | 4 days          | 2/27/20 8:00 AM         | 3/1/20 5:00 PM          |           | Katarilina Korolainen;Mehmet Erdinç Oguz                                                           |
| 15  |    | Preparing for Customer meeting                   | 6 days          | 2/27/20 8:00 AM         | 3/3/20 5:00 PM          |           | Berke Özdemir;Koray Cetin                                                                          |
| 16  |    | Brainstorming project name & logo                | 12 days         | 2/27/20 8:00 AM         | 3/9/20 5:00 PM          |           | Everyone                                                                                           |
| 17  |    | <b>W4: Finalizing Requirements</b>               | <b>7 days</b>   | <b>3/3/20 8:00 AM</b>   | <b>3/9/20 5:00 PM</b>   |           |                                                                                                    |
| 18  |    | Reviewing scenarios & mock-ups                   | 5 days          | 3/3/20 8:00 AM          | 3/7/20 5:00 PM          | 12;13...  | Burak Cuhadar;Eylul Yalcinkaya                                                                     |
| 19  |    | Customer meeting notes & feedback                | 2 days          | 3/4/20 8:00 AM          | 3/5/20 5:00 PM          | 15        | Koray Cetin                                                                                        |
| 20  |    | Fixing scenarios & mock-ups                      | 2 days          | 3/8/20 8:00 AM          | 3/9/20 5:00 PM          | 18        | Berkay Alkan;Emre Girgin;Katarilina Korolainen;Mehmet Erdinç Oguz;Olcayto Türker;Salih Kasim Benli |
| 21  |    | Finalizing Requirements                          | 3 days          | 3/6/20 8:00 AM          | 3/8/20 5:00 PM          | 10;19     | Everyone                                                                                           |
| 22  |    | <b>W5-6: UML Diagrams</b>                        | <b>15 days</b>  | <b>3/10/20 8:00 AM</b>  | <b>3/24/20 5:00 PM</b>  |           |                                                                                                    |
| 23  |    | Deciding project name & logo                     | 7 days          | 3/10/20 8:00 AM         | 3/16/20 5:00 PM         | 16        | Everyone                                                                                           |
| 24  |    | Class diagram                                    | 12 days         | 3/10/20 8:00 AM         | 3/21/20 5:00 PM         | 21        | Çagri Çiftçi;Emre Girgin;Eylul Yalcinkaya;Salih Kasim Benli                                        |
| 25  |    | Use case diagram                                 | 12 days         | 3/10/20 8:00 AM         | 3/21/20 5:00 PM         | 21        | Berkay Alkan;Berke Özdemir;Burak Cuhadar;Katarilina Korolainen;Koray Cetin;Mehmet ...              |
| 26  |    | Sequence diagrams                                | 3 days          | 3/24/20 8:00 AM         | 3/24/20 5:00 PM         | 24;25     | Everyone                                                                                           |
| 27  |    | <b>W8-9</b>                                      | <b>14 days</b>  | <b>3/31/20 7:00 AM</b>  | <b>4/13/20 5:00 PM</b>  |           |                                                                                                    |
| 28  |    | Fixing UML diagrams based on feedback            | 14 days         | 3/31/20 7:00 AM         | 4/13/20 5:00 PM         | 24;25...  | Everyone                                                                                           |
| 29  |    | <b>W10-11: Project Plan</b>                      | <b>15 days</b>  | <b>4/14/20 8:00 AM</b>  | <b>4/28/20 5:00 PM</b>  |           |                                                                                                    |
| 30  |    | Extracting past work to Project plan             | 6 days          | 4/14/20 8:00 AM         | 4/19/20 5:00 PM         |           | Berkay Alkan;Burak Cuhadar;Eylul Yalcinkaya;Salih Kasim Benli                                      |
| 31  |    | Milestones                                       | 5 days          | 4/14/20 8:00 AM         | 4/18/20 5:00 PM         |           | Emre Girgin                                                                                        |
| 32  |    | Listing future work to Project plan              | 5 days          | 4/14/20 8:00 AM         | 4/18/20 5:00 PM         |           | Mehmet Erdinç Oguz                                                                                 |
| 33  |    | Project plan (Gantt diagram)                     | 1 day           | 4/20/20 8:00 AM         | 4/20/20 5:00 PM         | 30;31...  | Katarilina Korolainen                                                                              |
| 34  |    | Updating & fixing Project Plan                   | 1 day           | 4/27/20 8:00 AM         | 4/27/20 5:00 PM         | 33        | Katarilina Korolainen                                                                              |
| 35  |    | RAM                                              | 15 days         | 4/14/20 8:00 AM         | 4/28/20 5:00 PM         |           |                                                                                                    |
| 36  |    | <b>W12</b>                                       | <b>7 days</b>   | <b>4/28/20 8:00 AM</b>  | <b>5/4/20 5:00 PM</b>   |           |                                                                                                    |
| 37  |    | Executive Summary                                | 4 days          | 4/28/20 8:00 AM         | 5/1/20 5:00 PM          |           |                                                                                                    |
| 38  |    | List & status of deliverables                    | 4 days          | 4/28/20 8:00 AM         | 5/1/20 5:00 PM          |           |                                                                                                    |
| 39  |    | Evaluating the status of the deliverables        | 4 days          | 4/28/20 8:00 AM         | 5/1/20 5:00 PM          |           |                                                                                                    |
| 40  |    | Evaluating tools & processes                     | 4 days          | 4/28/20 8:00 AM         | 5/1/20 5:00 PM          |           |                                                                                                    |
| 41  |    | Summary of work done by each member              | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 35        |                                                                                                    |
| 42  |    | Communication plan                               | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 11        |                                                                                                    |
| 43  |    | Requirements                                     | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 21        |                                                                                                    |
| 44  |    | Scenarios & Mockups                              | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 20        |                                                                                                    |
| 45  |    | UML Diagrams                                     | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 28        |                                                                                                    |
| 46  |    | Project Plan                                     | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          | 34        |                                                                                                    |
| 47  |    | RAM                                              | 4 days          | 4/30/20 8:00 AM         | 5/3/20 5:00 PM          |           |                                                                                                    |
| 48  |    | Milestone 1                                      | 0 days          | 5/4/20 5:00 PM          | 5/4/20 5:00 PM          | 37;38...  |                                                                                                    |
| 49  |    | <b>W13: API Assignment</b>                       | <b>14 days</b>  | <b>5/2/20 8:00 AM</b>   | <b>5/15/20 5:00 PM</b>  |           |                                                                                                    |
| 50  |    | Finding APIs                                     | 3 days          | 5/2/20 8:00 AM          | 5/4/20 5:00 PM          |           | Everyone                                                                                           |
| 51  |    | Creating RESTful API                             | 9 days          | 5/5/20 8:00 AM          | 5/13/20 5:00 PM         | 50        | Everyone                                                                                           |
| 52  |    | Unit testing                                     | 9 days          | 5/5/20 8:00 AM          | 5/13/20 5:00 PM         |           | Everyone                                                                                           |
| 53  |   | Pull requests & reviews                          | 11 days         | 5/5/20 8:00 AM          | 5/15/20 5:00 PM         |           | Everyone                                                                                           |
| 54  |  | <b>W14</b>                                       | <b>6 days?</b>  | <b>5/12/20 7:00 AM</b>  | <b>5/18/20 8:00 AM</b>  |           |                                                                                                    |
| 55  |  | Executive Summary                                | 4 days          | 5/12/20 7:00 AM         | 5/15/20 5:00 PM         |           |                                                                                                    |
| 56  |  | List & status of deliverables                    | 4 days          | 5/12/20 7:00 AM         | 5/15/20 5:00 PM         |           |                                                                                                    |
| 57  |  | Evaluating the status of the deliverables        | 4 days          | 5/12/20 7:00 AM         | 5/15/20 5:00 PM         |           |                                                                                                    |
| 58  |  | Evaluating tools & processes                     | 4 days          | 5/12/20 8:00 AM         | 5/15/20 5:00 PM         |           |                                                                                                    |
| 59  |  | Summary of work done by each member              | 4 days          | 5/14/20 7:00 AM         | 5/17/20 5:00 PM         |           |                                                                                                    |
| 60  |  | API Documentation                                | 4 days          | 5/14/20 8:00 AM         | 5/17/20 5:00 PM         |           |                                                                                                    |
| 61  |  | Milestone 2                                      | 0 days?         | 5/18/20 7:00 AM         | 5/18/20 8:00 AM         | 55;56...  |                                                                                                    |
| 62  |  | BREAK                                            | 100 days?       | 5/18/20 9:00 AM         | 10/5/20 9:00 AM         |           |                                                                                                    |
| 63  |  | <b>SECOND SEMESTER</b>                           | <b>60 days?</b> | <b>10/28/20 8:00 AM</b> | <b>1/19/21 5:00 PM</b>  |           |                                                                                                    |
| 64  |  | Update the requirements                          | 3 days?         | 10/28/20 8:00 AM        | 10/30/20 5:00 PM        |           |                                                                                                    |
| 65  |  | Extract features from the requirements           | 5 days?         | 10/30/20 5:00 PM        | 11/6/20 5:00 PM         |           |                                                                                                    |
| 66  |  | Discuss possible new requirements                | 8 days?         | 10/28/20 8:00 AM        | 11/6/20 5:00 PM         |           |                                                                                                    |
| 67  |  | Team distribution                                | 8 days?         | 10/28/20 8:00 AM        | 11/6/20 5:00 PM         |           |                                                                                                    |
| 68  |  | Create the design of the product                 | 8 days?         | 10/28/20 8:00 AM        | 11/6/20 5:00 PM         |           |                                                                                                    |
| 69  |  | <b>Backend</b>                                   | <b>10 days?</b> | <b>11/3/20 8:00 AM</b>  | <b>11/16/20 5:00 PM</b> |           | Koray Cetin;Mehmet Erdinç Oguz;Olcayto Türker;Veli Can Unal                                        |
| 70  |  | Research: Docker                                 | 4 days          | 11/3/20 8:00 AM         | 11/6/20 5:00 PM         |           |                                                                                                    |
| 71  |  | Research: AWS                                    | 4 days          | 11/3/20 8:00 AM         | 11/6/20 5:00 PM         |           |                                                                                                    |
| 72  |  | Get some mock data                               | 4 days?         | 11/3/20 8:00 AM         | 11/6/20 5:00 PM         |           |                                                                                                    |
| 73  |  | Deployment                                       | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 74  |  | Integrate Jenkins                                | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 75  |  | Integrate Docker                                 | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 76  |  | Update Class Diagrams                            | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 77  |  | Update Sequence Diagrams                         | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 78  |  | Initialize DB                                    | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 79  |  | Add some endpoints for testing                   | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 80  |  | Connect endpoints with database                  | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 81  |  | Research: Kubernetes                             | 3 days?         | 11/12/20 8:00 AM        | 11/16/20 5:00 PM        |           |                                                                                                    |
| 82  |  | <b>Backend</b>                                   | <b>6 days</b>   | <b>11/17/20 8:00 AM</b> | <b>11/24/20 5:00 PM</b> |           | Mehmet Erdinç Oguz;Koray Cetin;Olcayto Türker;Veli Can Unal                                        |
| 83  |  | Homepage Recommendation Endpoint                 | 5 days          | 11/17/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 84  |  | Login/SignUp as Vendor                           | 4 days          | 11/17/20 8:00 AM        | 11/20/20 5:00 PM        |           |                                                                                                    |
| 85  |  | Login/SignUp as User                             | 2 days          | 11/17/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 86  |  | Forgot My Password                               | 1 day           | 11/17/20 8:00 AM        | 11/17/20 5:00 PM        |           |                                                                                                    |
| 87  |  | Category/Product Endpoint                        | 6 days          | 11/17/20 8:00 AM        | 11/24/20 5:00 PM        |           |                                                                                                    |
| 88  |  | Wishlist for User                                | 2 days          | 11/17/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 89  |  | Search                                           | 6 days          | 11/17/20 8:00 AM        | 11/24/20 5:00 PM        |           |                                                                                                    |
| 90  |  | Vendor Data                                      | 6 days          | 11/17/20 8:00 AM        | 11/24/20 5:00 PM        |           |                                                                                                    |
| 91  |  | Shopping Cart                                    | 2 days          | 11/17/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 92  |  | <b>Frontend</b>                                  | <b>17 days?</b> | <b>11/3/20 8:00 AM</b>  | <b>11/25/20 5:00 PM</b> |           | Berke Can Gurur;Burak Cuhadar;Eylul Yalcinkaya;Meric Ungor                                         |
| 93  |  | React and Redux research                         | 7 days          | 11/3/20 8:00 AM         | 11/11/20 5:00 PM        |           |                                                                                                    |
| 94  |  | Project Setup                                    | 1 day?          | 11/10/20 8:00 AM        | 11/10/20 5:00 PM        |           |                                                                                                    |
| 95  |  | Integrate Redux                                  | 1 day?          | 11/11/20 8:00 AM        | 11/11/20 5:00 PM        |           |                                                                                                    |
| 96  |  | Homepage UI                                      | 2 days          | 11/12/20 8:00 AM        | 11/13/20 5:00 PM        |           |                                                                                                    |
| 97  |  | Navbar UI                                        | 3 days          | 11/14/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 98  |  | Login/Signup Page UI                             | 7 days          | 11/10/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 99  |  | Category Products Page UI                        | 7 days          | 11/10/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 100 |  | Product Details Page UI                          | 7 days          | 11/10/20 8:00 AM        | 11/18/20 5:00 PM        |           |                                                                                                    |
| 101 |  | Deployment                                       | 3 days          | 11/17/20 5:00 PM        | 11/20/20 5:00 PM        |           |                                                                                                    |
| 102 |  | Setup CI/CD                                      | 2 days          | 11/20/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 103 |  | Best Sellers, On Sale, New Releases, etc. UI     | 3 days          | 11/22/20 8:00 AM        | 11/25/20 5:00 PM        |           |                                                                                                    |
| 104 |  | Wishlist                                         | 6 days          | 11/17/20 5:00 PM        | 11/25/20 5:00 PM        |           |                                                                                                    |
| 105 |  | <b>Android</b>                                   | <b>15 days?</b> | <b>11/3/20 8:00 AM</b>  | <b>11/23/20 5:00 PM</b> |           | Emre Girgin;Çagri Çiftçi;Berkay Alkan;Alperen Bag                                                  |
| 106 |  | Android core topics research                     | 7 days?         | 11/3/20 8:00 AM         | 11/11/20 5:00 PM        |           |                                                                                                    |
| 107 |  | Project Setup                                    | 3 days?         | 11/10/20 8:00 AM        | 11/12/20 5:00 PM        |           |                                                                                                    |
| 108 |  | Homepage UI-Logic                                | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 109 |  | Categories Page UI-Logic                         | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 110 |  | Wishlist Page UI-Logic                           | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 111 |  | Product List Page UI-Logic                       | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 112 |  | Product Detail Page UI-Logic                     | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 113 |  | Log-in/Sign-up UI-Logic                          | 10 days?        | 11/10/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 114 |  | Final review and test                            | 1 day?          | 11/23/20 8:00 AM        | 11/23/20 5:00 PM        |           |                                                                                                    |
| 115 |  | Milestone 1                                      | 0 days?         | 1                       |                         |           |                                                                                                    |