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| **S**  **P**  **R**  **I**  **N**  **T**  **1**  **S**  **P**  **R**  **I**  **N**  **T**  **1** | **Product Backlog items** | **Story** | **Responsible person** | **Estimation (in minutes)** |
| 1 | Selecting theme | Scrum Master and UI Designer | 30 |
| 2 | Setting up cloud server | Scrum master | 180 |
| 3 | Setting up project environment | Programmer | 60 |
| 4 | Editing theme to match with project | UI designer | 120 |
| 5 | Designing system use case | Database designer | 300 |
| 6 | Setting up initial database | Database designer | 60 |
| 7 | Designing sequence diagram, class diagram | System Architect | 240 |
| 8 | Designing initial data model for user login | System architect | 60 |
| 9 | Integrating database with data model | System architect and Programmer | 120 |
| 10 | Setting up cloud and database security | Scrum master, Database designer | 120 |
| 11 | Setting up application security | System architect and Programmer | 120 |
| 12 | Designing Login page | UI designer | 60 |
| 13 | Making the log in functionality | Programmer | 180 |
| 14 | Testing Log in functionality for all users | Tester | 30 |
| 15 | Designing password reset pages | UI designer | 90 |
| 16 | Integrating password reset functionality | Programmer | 30 |
| 17 | Testing Password reset | Tester | 20 |
| 18 | Designing common tables | Scrum master, Database designer, System architect | 480 |
| 19 | Designing common data stores | System architect, Programmer | 240 |
| 20 | Designing "Set terms and conditions" page | UI designer | 60 |
| 21 | Developing set terms and conditions page in admin panel | Programmer | 60 |
| 22 | Testing set terms and conditions page in admin panel | Tester | 20 |
| 23 | Developing logout functionality | Programmer | 15 |
| 24 | Testing logout functionality | Tester | 15 |
| 25 | Designing UI for add tag and view all tags pages | UI designer | 60 |
| 26 | Making add tag and view all tags in QA Manager panel | Programmer | 180 |
| 27 | Testing add tag and view all tags in QA Manager panel | Tester | 30 |
| 28 | Designing page for posting new idea | UI designer | 45 |
| 29 | Making post new idea functionality in student panel | Programmer | 180 |
| 30 | Testing post new idea functionality in student panel | Tester | 30 |
| 31 | Integrating tag to post new idea | Programmer | 20 |
| 32 | Integration test for post new idea with tag, checking if tag can be deleted after having an idea | Tester | 30 |
| 33 | Fixing bug for delete tag after submitting idea | Programmer | 30 |
| 34 | Testing for overdated idea submission | Tester | 30 |
| 35 | Fixing bug for overdated idea submission | Programmer | 180 |
| 36 | Retesting overdated submission | Tester | 20 |
| 37 | Adding email notification functionality | Programmer | 30 |
| 38 | Testing email notification functionality | Tester | 20 |
| 39 | Designing timeline page | UI designer | 105 |
| 40 | Making Timeline page in student panel | Programmer | 480 |
| 41 | Adding pagination in student timeline | Programmer | 180 |
| 42 | Testing pagination | Tester | 180 |
| 43 | Fixing pagination issue | Programmer | 60 |
| 44 | Retesting pagination | Tester | 60 |
| 45 | Adding comment and anonymous comment functionality in student panel | Programmer | 240 |
| 46 | Testing comment, anonymous comment and overdated comment | Tester | 120 |
| 47 | Integrating email notification to author | Programmer | 20 |
| 48 | Testing email notification to author | Tester | 20 |
| 49 | Fixing issues of overdated comment | Programmer | 90 |
| 50 | Adding Thumb up and thumb down functionality in student panel | Programmer | 300 |
| 51 | Testing thumb up and thumb down functionality | Tester | 60 |
| 52 | Fixing thumb up and thumb down bugs | Programmer | 90 |
| Total estimation of time = **5600 minute or Approximately 94 working hour.** | | | |

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| **S**  **P**  **R**  **I**  **N**  **T**  **2** | **Product Backlog items** | **Story** | **Responsible person** | **Estimation (in minutes)** |
| 53 | Designing view full post page | UI designer | 60 |
| 54 | Adding view full post functionality in student panel | Programmer | 120 |
| 55 | Adding video previewer in student panel | Programmer | 420 |
| 56 | Testing video previewer in student panel | Tester | 20 |
| 57 | Adding other attachment section in student panel | Programmer | 60 |
| 58 | Testing other attachments section, trying to download attachment | Tester | 20 |
| 59 | Fixing issue for downloading other attachments | Programmer | 60 |
| 60 | Adding all ideas of same category section in student panel | Programmer | 30 |
| 61 | Counting and displaying thumbs up, thumbs down, total comments, total views and total seen by in student panel | Programmer | 90 |
| 62 | Integration test to thumb up, thumb down, total comments, total views, total seen by, read full post | Tester | 60 |
| 63 | Designing view all ideas page | UI designer | 30 |
| 64 | Making View all ideas in student panel by overriding the functionalities of timeline | Programmer | 180 |
| 65 | Testing view all ideas in student panel | Tester | 30 |
| 66 | Designing view profile page | UI designer | 30 |
| 67 | Adding view profile by overriding functionalities of timeline. | Programmer | 60 |
|  | Total estimation of time = **1270 minute or approximately 21 hours** | | | |

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| **S**  **P**  **R**  **I**  **N**  **T**  **3** | **Product Backlog items** | **Story** | **Responsible person** | **Estimation (in minutes)** |
| 68 | Adding QA Coordinator timeline, post an idea | Programmer | 90 |
| 69 | Designing My department activity page, designing the report pages | UI designer | 120 |
| 70 | Adding My Department Activity page for reports in QA CO-ordinator | Programmer | 420 |
| 71 | Testing Reports | Tester | 240 |
| 72 | Fixing bug of most popular ideas, most commented ideas | Programmer | 90 |
| 73 | Designing view all ideas > My department ideas, staff ideas pages | UI designer | 60 |
| 74 | Adding View All ideas > My department and staff ideas by overriding All ideas from student | Programmer | 90 |
| 75 | Testing and reporting but for viewing permission management | Tester | 120 |
| 76 | Fixing bug of list of ideas viewing permission management | Programmer | 120 |
| 77 | Adding aditional database tables | Database designer | 120 |
| 78 | Adding aditional data models | System architect | 60 |
| 79 | Designing submit an issue page | UI designer | 50 |
| 80 | Submit an issue | Programmer | 90 |
| 81 | Testing issue submission functionality | Tester | 30 |
| 82 | Designing view all issues page for QA Coordinator | UI designer | 30 |
| 83 | Developing fucntionality for view all issues page | Programmer | 60 |
| 84 | Designing view all issues page for QA Manager | UI designer | 30 |
| 85 | Testing view all issues page in QA Manager | Tester | 30 |
| 86 | Developing fucntionality for view all issues page in QA Manager | Programmer | 30 |
| 87 | Developing functionality for Download archave | Programmer | 60 |
| 88 | Testing download archive | Tester | 10 |
| 89 | Fixing bug for download archive | Programmer | 60 |
| 90 | Designing notificaitons and announcements tabs | UI designer | 30 |
| 91 | Setting up notification and announcements for users | Programmer | 120 |
| 92 | Testing notifications and announcements | Tester | 120 |
| 93 | Designing Update profile page | UI designer | 60 |
| 94 | Developing Update profile information functionalities | Programmer | 120 |
| 95 | Testing update profile information | Tester | 30 |
| 68 | Adding QA Coordinator timeline, post an idea | Programmer | 90 |
|  | Total estimation of time for Sprint 3 = **2580 minute or 43 working hours + 22 working hours for solving issues found from previous sprint = 65 Hours** | | | |

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| **S**  **P**  **R**  **I**  **N**  **T**  **4** | **Product Backlog items** | **Story** | **Responsible person** | **Estimation (in minutes)** |
| 95 | Testing update profile information | Tester | 30 |
| 96 | Developing functionality for last activity count | Programmer | 60 |
| 97 | Designing manage batch and manage department page | UI designer | 90 |
| 98 | Developing manage batch and manage department functionality | Programmer | 120 |
| 99 | Testing manage barch and manage department functionalities | Tester | 60 |
| 100 | Integrating manage manage batch and manage depaerment with manage tag | Programmer | 60 |
| 101 | Performing complete integration test, reporting issue of profile side navigation bar | Tester | 300 |
| 102 | Fixing bug for profile sidenav | Programmer | 120 |
|  | 103 | Alpha release and Testing | Everyone including product owner | 1440 |
|  | 104 | Solving issues from alpha testing | Programmer | 480 |
|  | 105 | Beta release and Testing | Everyone including product owner | 960 |
|  | **Total Time estimation for this sprint = 3720 minutes or 62 working hours** | | | |