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| Task Name | Description |
| 1. Learning phase | Learning android development. |
| 1. Search for similar Applications | Search for similar applications and technologies related to the project |
| 1. Features selection | Select the functions and features to implement in the system.   1. Type speed 2. Finger print 3. Face recognition 4. Acceleration |
| 1. Type speed and finger print analysis and design | Researching for the required tools and analysis the type speed feature and the finger print. |
| 1. Implementation phase | Coding the both features |
| 1. Testing The features | Test the features codes |
| 1. Integration the features | Integrate the features and setup |
| 1. Testing the integration quality | Testing the quality of the integration between the two features and run it in one application |
| 1. Resolving the Integration problems | Resolve any issues regarding to Integration |
| 1. Face recognition researches | searching for the technologies and the sciences needed to detect and recognize the face |
| 1. Face recognition analysis and design | Analysis the face recognition and design the feature specifications. |
| 1. Face recognition Implementation | Implementing a subsystem that recognize the user face with the best feasible accuracy |
| 1. Testing phase | Test the accuracy of the feature and test the behavior of the feature against different inputs |
| 1. Acceleration feature Design | Recognize the main features and sensors needed for the application and run the analysis and requirements for this feature to work |
| 1. Acceleration Implementation | Implementing the Acceleration |
| 1. Subsystem Integration | Integrate the face recognition and acceleration features. |
| 1. Test the subsystem | Test and debug the subsystem and resolve any problems related to the second iteration |
| 1. Integrate the whole system | Integrate the both subsystems into one application |
| 1. Test and resolve functionality | Test the system against functional requirements  And fix any bugs found |
| 1. Build algorithm | Build the algorithm to deal with the different devices and cases of switching on or off some features and evaluating the priority of the features |
| 1. Final Testing | Test the Full application |
| 1. Resolving any issues | Resolve any problem related to the testing and the algorithm appliances |

Current State: Sprint-1 testing

**Description of current state**

Unit testing for each of the implemented features in sprint-1 [finger print and typing speed]

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| **Accomplished Task name** | **Time** |
| 1. Learning Android. | 2 Weeks |
| 1. Search for similar apps. | 1 Week |
| 1. Search for features | 1 Week |
| 1. Select Features [ Typing speed, Finger Print,   Face recognition, Acceleration]. | 1 Week |
| 1. [Typing speed, Finger print] analysis and design. | 1 Week |
| 1. Implement [Typing speed, Finger print] Features. | 3 Weeks |

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| **Unaccomplished Task name** | **Time (approximately)** |
| 1. Test each feature [Typing speed, Finger print] | 1 Week |
| 1. Integrate [Typing speed, Finger print] Features -> System 1 | 2 Weeks |
| 1. Test System 1 | 1 Week |
| 1. Resolve integration problems | 1 Week |
| 1. [Face recognition, Acceleration] analysis and design. | 1 Week |
| 1. Implement [Face recognition, Acceleration] Features. | 2 Weeks |
| 1. Test each feature [Face recognition, Acceleration] | 1 Week |
| 1. Integrate [Face recognition, Acceleration] Features -> System 2 | 2 Weeks |
| 1. Test System 2 | 1 Week |
| 1. Resolve integration problems | 1 Week |
| 1. Integrate system 1 & system 2 | 10 Days |
| 1. Test whole system | 5 Days |
| 1. Resolve any problems | 3 Days |
| 1. Build our algorithm | 1 Week |
| 1. Final Test | 3 Days |
| 1. Resolve any problems | 1 Week |