**Technical report**

* 1. **Tools and Technologies used:**
     1. **Embedded Java Script (EJS):** This is used to develop the layout of the web application as it is most widely used.
     2. **Cascading Style Sheets (CSS):** It is used to provide the styling to the webpages and how it has to look.
     3. **Bootstrap:** The framework, which is used to make the webpages responsive.
     4. **Node.js:** The platform to build fast and scalable web applications. The flow of the project between front end, back end, database and servers are all managed on this platform.
     5. **JavaScript:** JavaScript is a scripting language used to add features to the webpages and make them more responsive as per the requirements. The logical implementation also handled by java script.
     6. **Backendless:** The online open source database used to store the user data provided by the users. In addition, provided access to the valid users based on the data present in the database.
  2. **Functionalities:**

1. Should able to open the link
2. Login page should allow the user to login to go into home page
3. User should enter the username
4. User should enter the password with combination of alphabets, numbers and special characters
5. Signup page should have first name, last name, email Id, user name, password, address, phone number.
6. Forgot Page should have a text field asking for email address and submit button, so that user get a link for reset password.
7. Home page should contain fields like add children, track location and send share the location history
8. Application home page for children will have their location on the screen with name of location, latitude and longitude text fields on the screen.
9. Parent should be able to add/delete the child
10. User is also able to change password and user name
11. Parent should be able to save location history for future reference
12. User should be able to logout successfully

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|  | **F1** | **F2** | **F3** | **F4** | **F5** | **F6** | **F7** | **F8** | **F9** | **F10** | **F11** | **F12** |
| **Avinash** | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 20 | 10 |
| **Harnath** | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 10 |
| **Neeraja** | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 10 | 10 |
| **Kavya** | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 |
| **Akhila** | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 20 |
| **Vaishnavi** | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 10 |
| **Lavanya** | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 10 | 20 |

* **Here we renamed the above-mentioned functionalities in F1, F2, F3 and so on to F10 respectively. Our work contributed in these functionalities are shown in these table in percentages.s**