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| **Problems** | **Solution by Tech** |
| 1. **Old People cant read small letters . So they have problem in reading books** | **Creating a text to speech app so that whatever they paste in the given box , the app will read the whole input .** |
| 1. People have weather issues like they get drenched when suddenly rain comes in downpour | Creating a weather app which they can see the upcoming weather as well as it warns them from a rainstorm coming . |
| 1. People who are on severe medications might loose track when to take medicine | Making a reminder app which will remind them to take the respective medicine at that exact time |
| 1. In kitchens , people can have problems with how much time they need to heat their food in ovens or pans | Creating a timer app which then alarms that that much time has past which they have input . |
| 1. Students have issues on their study as well as extra curriculum activity clashing . | Creating a app which will suggest and give them a detailed schedule (which they have input as data earlier) of how they should use their time by giving them a copy of timetable in tabular form . |

**PRO-90** : I am going to choose the first topic

**Blue-Print for the App**

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| **Reading Buddy**  **// This app is created to help people with weak eyesight or visually impaired . Whatever they want : word(s) , sentence(s) or line(s) . they can just copy it and paste in the inputbox and the app will read it out**    **Text-speech Input**   |  | | --- | | **//Space area which will input the words pasted/typed here and will store in state variable** |      |  | | --- | | **PLAY** |   **//On clicking “PLAY” button , using Speech.speak( ) function , the input/data saved in state variable before will be spoken as many times the play button is clicked** |

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| **LOGIN – LOGOUT Screen**  //Using this screen only authticated user will be able to login this editor   |  | | --- | | LOGIN |   //on clicking this it will move to authentication part in database and no need to login again and again if u have connected one device via email and password on database  Checking User Info….(Loading Screen)  // this will show till user is connected to database completely . once done it will move to the app   |  | | --- | | LOGOUT |   //On clicking this user will logout from app and it will switch to LOGIN screen again until user again clicks on the login button |

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| **Dashboard Screen**  //this screen will be a swiping screen ie using drawer navigation . it will contain 2 components :  **Profile**  //it will receive information of the user from database from which he logged in and displaying it in contents such as : (User.)dp , (User.)name etc  **LOGOUT**  //This is same as the logout button which explained earlier but it will be displayed here instead on screen |

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| ***Screens We are going to use***  1)login Screen : User have to login to move to appscreen . It will work in 3sets :   * Loading : It will check if user is already logged in from database . If yes then it to dashboard screen * Login : if user details ie if he is not logged in then it will show up asking user to login through database * Dashboard : once user loggedin it will display the app   2)dashboard Screen: It will display all the contents like the name of app , the inputbox and play button.it will further have a navigation called drawer navigation which is like a sliding menu . that menu will contain 2 more screens :   * Profile : it will display user profile ie his profile pic , name , email etc which will be taken directly from database as the user details are saved in database when user logged in * Logout : After using the app is done user can logout from it using thius option . when clicked it will signout user from app and database . |