My app is helps in manging the library in my school

There will be 2 parts of my app one for teachers and one for students.

Working of my home

1. The first screen shown after someone downloads my app will be the google login. Login will be for only limited people.
2. There will be 2 logins one for teacher and one for student
3. If student logins then,
   1. He gets to choose his class and category wanted. This will be done using dropdowns and touchable opacity.
   2. After that he will be redirected to assign where on top his name and standard will be shown which will be taken from his mail information
   3. On that screen books will be shown and on the side it will be shown that if the book is available or not. Alternate the books available will only be shown.
   4. When the student click on the book he/she wants he will taken to a assign confirmation screen where there will be button to assign the book to him. Once clicked on assign there will be a alert showing book assigned. Once clicked the status of the book should be changed to assign. The status of student should also be changed to assigned.
   5. Now the student will be taken to return screen where a text will be shown saying that book has to be returned till next period. If book returned on next period then librarian will update and status of student will be changed to nothing and status of book to nothing. If not then it will be same (assigned state of both)
   6. If returned then status will change to nothing and student will be again taken to assign page

<https://drive.google.com/file/d/1nEQM_5xewGCL8En0CFAfA7h86kFeElgv/view?usp=sharing> (Students wireframe)

Teacher app

1. Teachers app consists of 2 screens assign and return
2. On assign page there will be option on top to choose class
3. On the page there will be students list and on the side status of student will be shown.
4. If student has assigned a book then it will be book requested.
5. If student has the book then it will be book assigned
6. If student has not requested then It will be nothing
7. When students status is book requested and he comes and takes the books then the librarian will click on the student and then press on the give book button and the status of book and student will change to assigned and book assigned
8. After that when the student comes to return the book librarian will again click on the student name and he will be taken to return screen when he will click on the return button and then status of book will be changed to nothing and students status will be also nothing .

<https://drive.google.com/file/d/1JinumQKGbTnTubLkPNNiVOpws2ELH04E/view?usp=sharing> (teachers wire frame)

Main Components

1. Touchable opacity
2. States
3. Firebase
4. Drop down picker
5. Scroll view
6. The component which excludes task bar of phone ( I forgot the name)

A student book assigned to returned life story

1. First he will download the app and login and then he will choose his class and category of book
2. He will check the available books and choose one and click on assign and that book will not be available for other students till it Is returned
3. He will go to the library next and day and take the book. Librarian will update the students status to book assigned
4. On the students app it will be shown that he has to retune the book in next period.
5. Student goes and returns the book, the librarian again updates the status to nothing of both.