Abstract:

Problem Statement: To create an application that monitors the quantity of the components present in the Corsit Lab. And also to configure who has taken which components and when returned.

Description: The application will be having a login page which will authenticate only corsit members and the person have to select from a list of components that he/she is going take that component. After that the name of that person will be displayed on a board in the application until he/she returns the project and marks as returned. Once a person takes a component the quantity of component will be decreased by one or by the number that the person has taken that component. After the person returns the component the number will be increased. By This application we can be able keep an accountability of the components present in the lab. Also I have a plan to implement that in which drawer or shelf the component is placed so that we can reach to it easily.

What I am using/What I Need:

1.The Component List from Corsit Lab

2.Flutter/Dart

3.Firebase