**Title of the project: Plasma Donation**

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**Project Description**: Convalescent plasma therapy is an experimental treatment that some doctors are using for people with severe coronavirus disease 2019 (COVID-19). Researchers hope that convalescent plasma can be given to people with severe COVID-19 to boost their ability to fight the virus. Food and Drug Administration (FDA) has not approved any drugs specifically to treat people with COVID-19. But people who have recovered from COVID-19 have antibodies the body uses to fight off infection to the disease in their blood. The blood from people who have recovered is called convalescent plasma. Plasma is the liquid portion of the blood. The basic objective of this project is to develop a mobile application which will build a repository of plasma donation community who will be able to receive and donate plasma/blood in the fastest way possible. COVID-19 recovered patients can provide their details like name, phone number etc. and existing patients can search and contact the Convalescent plasma donors by applying from their mobile. Patients who have recovered from COVID-19 can voluntarily consider donating their plasma.

**Problem Solving:** To help current COVID -19 situation all over the world, we want to contribute from our side by developing this application for those people who are fully recovered from the new coronavirus to help current COVID 19 patients by donating their plasma as treatment for patients with serious or immediately life-threatening COVID-19 infections.