Vision

The purpose of this system is to control the FASTory Assembly line using the web services. The task is to draw keypad of the mobile. The assembly consists of different work stations connected through conveyor line. It works stage wise, in which every stage is dependent on the task completion of the previous stage.

 Our main task is divided into two parts:

1. To create server. Backend programing (communication between server and controller of the assembly line)
2. Front end application (by which client hits the server for any task).

The challenges in completing the task is that we need to have visual contact with the factory line while deciding which API to hit in which order to perform the required task. This is very time consuming and can be managed if the FASTory line is accessible to use 24/7. Other than that a big challenge will be making a good enough interface for the user to get an idea of what is happening at the assembly line because the main purpose of this project is the make this line accessible to use from anywhere.

The main advantage of implementing this system is mobilizing the control of the FASTory assembly. If such an interface exist you can work on this assembly from anywhere in the world from where you can excess the system online. The cost of making this project can be very less compared to the improved usability of the system hence making it cost efficient.