

Project Synopsis/Project Concept Document

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Project Title	Automate R&D Workflow
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Client	Suraj Bonagiri, Arka Aerospace Pvt. Ltd.

Description

The project's objective is to create and host a dashboard on a local network that will improve management by getting rid of inefficiencies and misunderstandings. The dashboard will be a GUI on a webserver that will be connected to databases. The main objective of this GUI will be to make access to the databases easier. The client will be able to conveniently track and update the databases using this GUI.

Problem At Hand:

The company has a lot of data that has been stored in lots of excel files which is inconvenient to work with. So, the client wants us to create a user-friendly GUI through which the company can interact efficiently with the database.

Profile of Users

This is a locally hosted GUI for Arka Aerospace hence end users are the following:

- Chief Officers: Complete access to inventory data as well as full access to employee and manager data.
- Managers: Access to employee data related to the project they are heading as well as full inventory data
- Employee: Access to basic inventory data and design documentations of their respective project

Usage Model

The system will be potentially used by the various users at Arka Aerospace. The usage will be as follows:

- Chief Officers: For tracking and managing complete inventory data, audit management for looking after project deadlines according to the consumer needs.
- Managers: Assigning work to his team, purchasing required employee, making sure plan of action is in place.
- Employee: For tracking and using tools required for the project he/she has been assigned. Also to keep up with the design document.