OCR Project Document Edited 4 /11 by Abhiram

**Objectives**

Develop the web-based OCR platform that users can upload the pdf files and extract text.

**To do list**

1. Develop the UI. (React, Django)

FrontEnd --React.js (Auth, Pdf Upload, Pdf Viewer, Tools for area selection)

BackEnd –Django or Flask (Auth, Pdf Upload, API for OCR engine)

For secure transmission between FE and BE, I will use the SSL and data encryption.

1. Develop a new OCR model or use the existing One using Tools for area selection

Integrating the web system with OCR model.

Develop a new OCR model or change the features for dealing with custom selections in existing one.

1. Enhance the functionalities in accuracy and delaying time.

Train the OCR model with patent formulars.

Optimize the SEO for the web system.

**Deliverables**

1. API documentation for backend system.
2. Front End UI

**Hosting Plan**

Will host the web system in the AWS (amazon web service.)

**Timeline**

Two weeks ~ A month

**Cost**

$ 4000 (Negotiable)

**Employment**

Abhiram (or add members from his team)