



# CUSTOM DEVELOPMENT PROPOSAL

Asset's Management and Tracking System

**PREPARED FOR**

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**Pakistan Revenue Automation Limited (PRAL)**

**PREPARED BY**

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Manager (Domestic Sales)

**Genesis Engineering**

May 10 , 2022

**FAISAL NADEEM**

**Pakistan Automation Revenue Ltd**

Dear Mr. Faisal Nadeem,

Re: Enclosed Custom Development Proposal

Please find enclosed our detailed software proposal for your kind consideration.

At [Genesis Engineering](#) we are aware that creating client-oriented software takes a mixture of technical excellence and clear communication and our firm hires only the very best to ensure you receive both. We know that every client is unique and we strive to deliver an individual, innovative and affordable proposal every time and to follow it through with an outstanding delivery which is both on time and within budget.

We have over 5 years of collective development experience in the area of Web based ERP system's , block chain, mining and the services that surround it. Please let us know if you would like to get in touch with our technical team to help you understand the process of development, the services you will get and to answer other questions you might have. You may also review our website at <https://www.genesisengr.com> to learn more about our organization.

We also pride ourselves on our after-sales client-care including our guarantees, staff-training and onsite and offsite support.

Finally, we realize that you are very busy and want to thank you in advance for your time spent reviewing our proposal.

Yours Truly,

Shamail Gulrez

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# 1. EXECUTIVE SUMMARY

At Genesis Engineering we understand the sensitivity and complexity of ERP Systems and employ that knowledge in our intuitive. Asset management is surely and truly one of the most important things for an organization/company as it helps a company in many ways. Through a proper and accurate Asset management software, a company can keep track of its assets which results in better Asset management and overall organizational effectiveness.

As Assets are managed effectively it Provides an opportunity to plan against financial, operational and legal risk. Moreover it can promote the economic stability and growth of a company to a great extent. Furthermore Asset management improves productivity and efficiency which places the business in a better position to increase their return on investment.

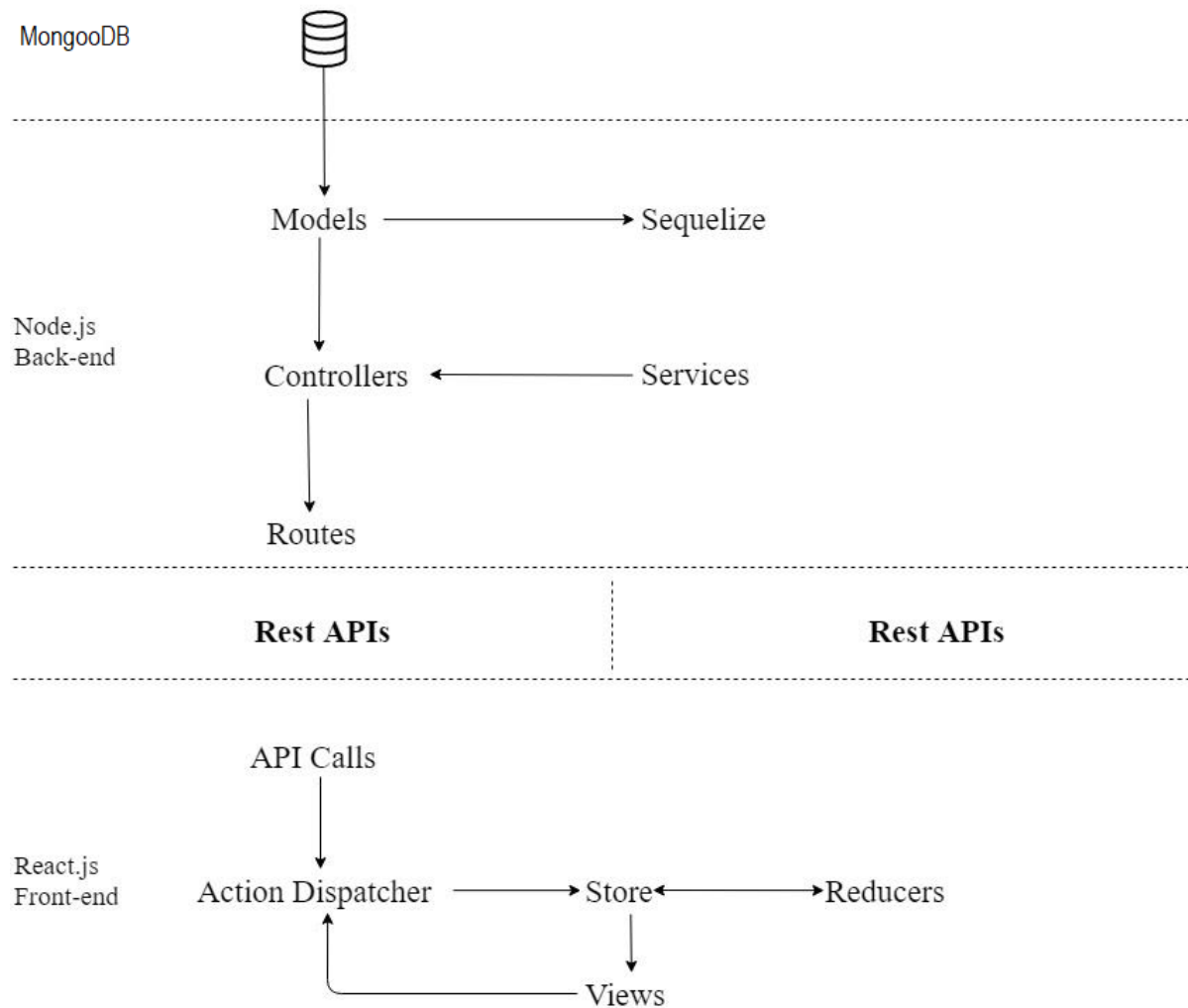
## 2. Project Overview

We will develop a web-based application which will enable Asset Management and Tracking for PRAL. Through this application managing and tracking of all the Asset's present on different locations will become a lot easier and better. The application will have all the necessary features like GPS location wise Asset tracking, inventory management and details, QR based Asset's Search and labeling, Asset's depreciation & taxation details, Asset's transfer details and a lot more.

QR code-based Asset's search will be done through the device's own camera's which means that no additional hardware will be required resulting in a lean solution. Moreover, this application will be highly scalable and compatible with all the devices which mean it will be usable on laptops, tablets and even mobile phones which will provide a great ease to the users.

# 3. SOFTWARE

## Software Architecture



A list of software technologies that will be used in the development of the proposed software

- **Database**

- MongoDB

- **Central Backend Server**

- Nodejs, express framework

- Architecture based on controllers and models

- Rest API's

- **Central Frontend Server**

- ReactJS

- Redux Framework

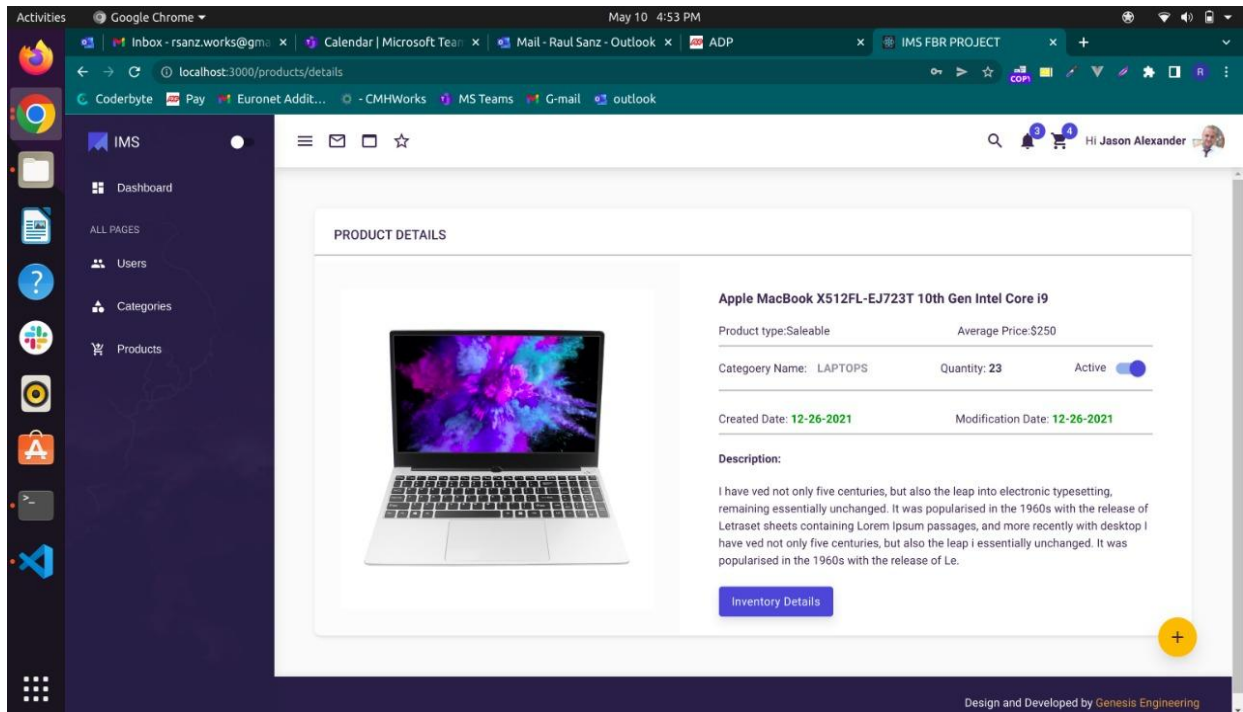
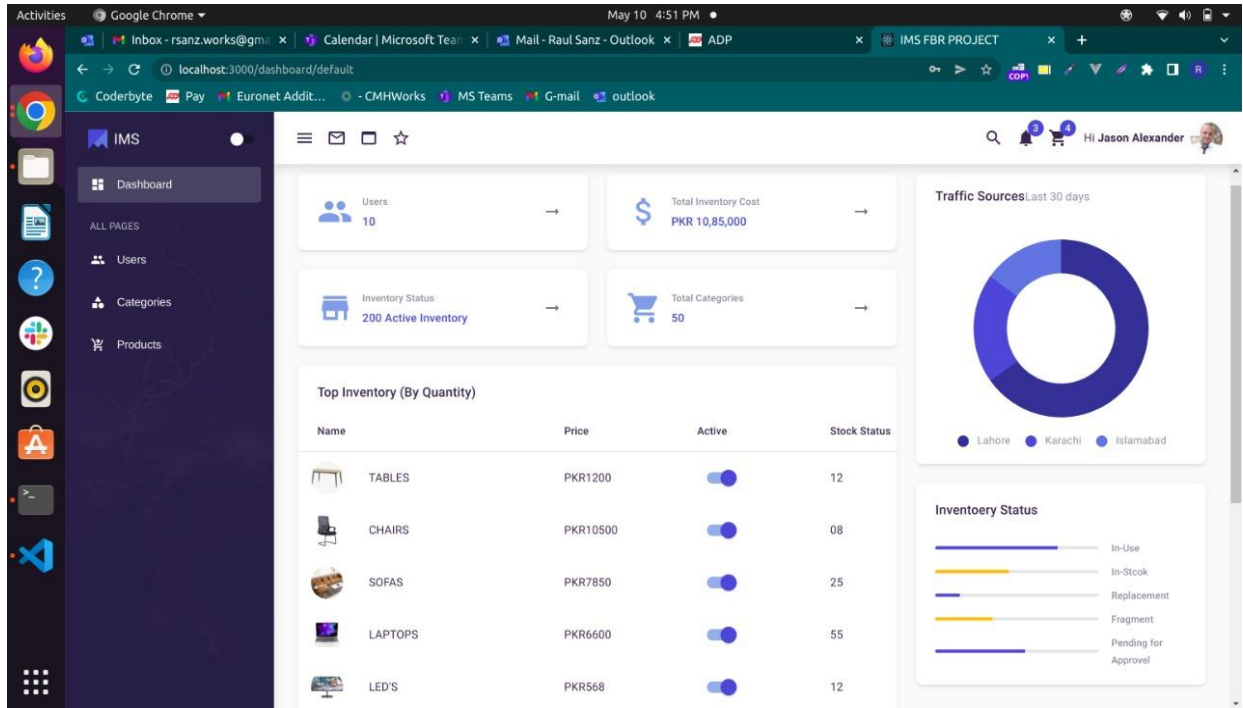
- Architecture based on react actions, components and reducers

- Consumes rest API from Central Backend

- **Third Party**

- AWS for hosting services or in house servers

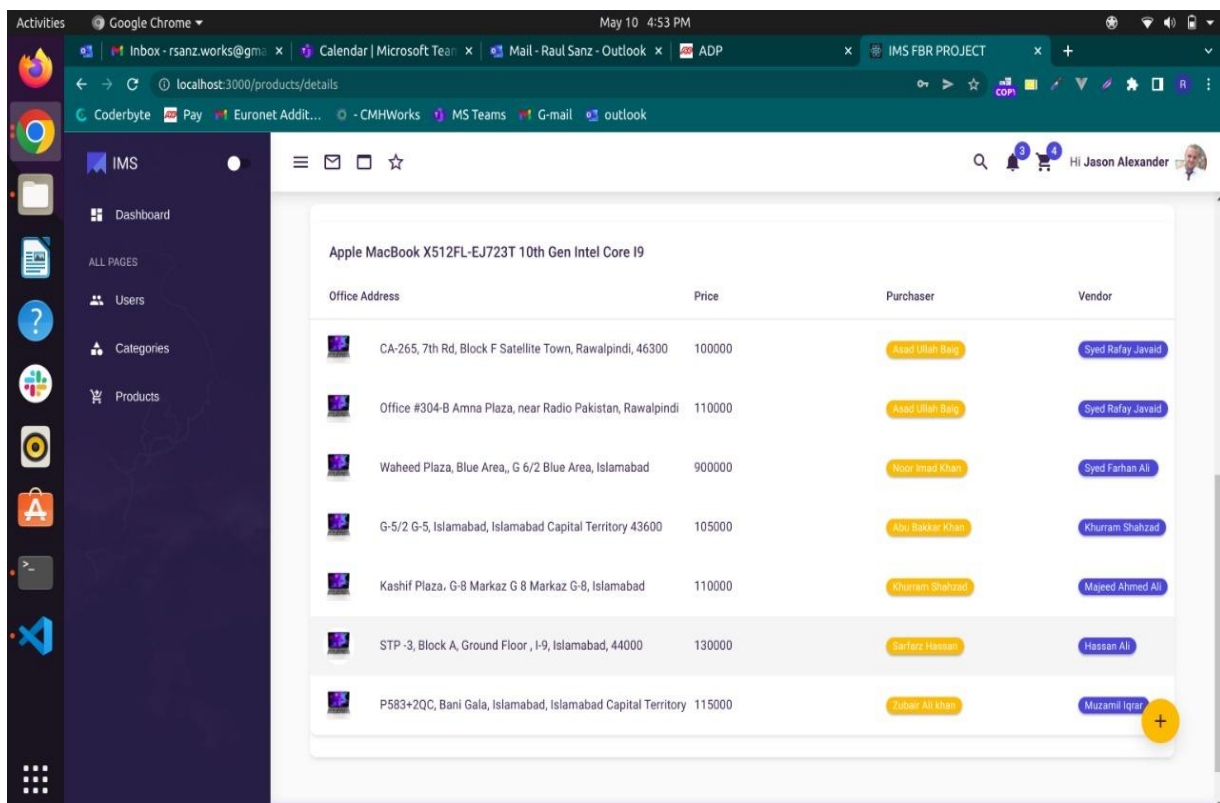
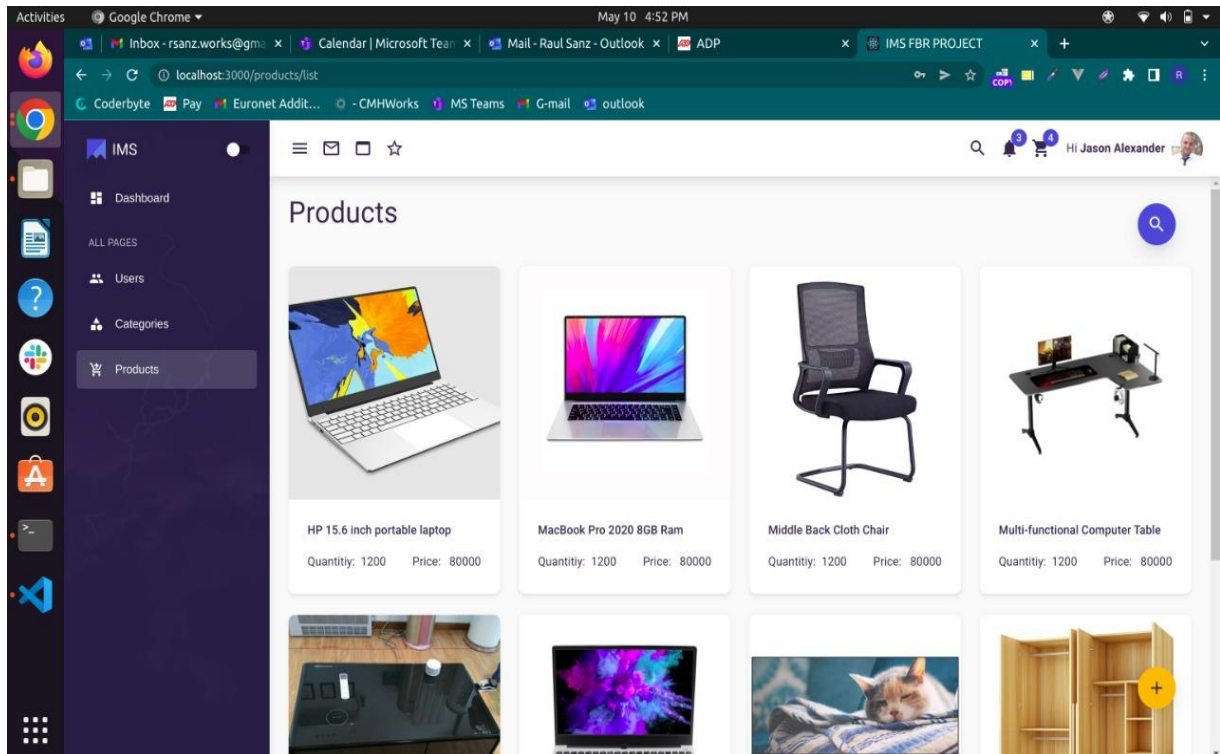




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## 4. PRICING

S. No	Description	Price (PKR)
1	Basic Asset Tracking System (Web based and Mobile App)	450,000/-
2	Addons	
	Transfer of Inventory module	
	Implementation of QR Code for ease-of-use	
	Manual entry module	
	Depreciation/Taxation module	
	Procurement module	
	Inventory Assignment module	
	Internal Transfer of Inventory module	
	Inventory Audit Logs module	
	Location tagging module	
	<b>GRAND TOTAL</b>	<b>450,000/-</b>

# 5. Terms and Conditions

## For Software Development and Consulting services

This Service Agreement (“Agreement”) shall apply and govern the Statement of Work(s), project, letter of intent or any other document (“SOW”) executed between Genesis Engineering or any of its affiliates [specifically identified in the SOW] (“Consultant”) and Customer, for the purpose of providing professional services (“Services”) or deliverables (“Deliverable”) for software development and consulting.

### Payments:

Costs mentioned in this document are valid for 30 days. Payment will be made by the Customer within 15 days upon receipt of an invoice. Contractor’s relationship with Company is that of an independent contractor, and nothing in this Agreement will be construed to create a joint partnership, joint venture, agency, or employer-employee relationship.

Payment will be made as follows:

- 50% payment in advance at the start of the project
- 50% payment upon final completion and delivery

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**Approval Process:**

Customer will have thirty (30) days following receipt of the Services or Deliverable ("Acceptance Period"), to complete acceptance tests as per acceptance criteria agreed in the SOW ("Acceptance Criteria"). If no notice of non-conformance to Acceptance Criteria is reported during the Acceptance Period, Deliverables or Services are deemed accepted by the Customer.

**Confidentiality:**

Confidential information shall mean any information disclosed by one party to the other party, in any form including without limitation documents, business plans, source code, software, technical/ financial/ marketing/ customer/ business information, specifications, analysis, designs, drawings, data, computer programs, any information relating to personnel or Affiliates of a party and include information disclosed by third parties at the direction of a Disclosing Party and marked as confidential within 15 days of such disclosure. Confidential Information shall however, exclude any information which (i) is/ was publicly known or comes into public domain; (ii) is received by the Receiving Party from a third party, without breach of this Agreement; (iii) was already in the possession of Receiving Party, without confidentiality restrictions, at the time of disclosure by the Disclosing Party; (iv) is permitted for disclosure by the Disclosing Party in writing; (v) independently developed by the Receiving Party without use of Confidential Information; (vi) is required to be disclosed by the Receiving Party pursuant to any order or requirement from court, administrative or governmental agency, provided that the Receiving Party shall give the Disclosing Party prompt written notice of such order or requirement and an opportunity to

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contest or seek an appropriate protective order. The Receiving Party agrees not to use any Confidential Information for any purpose except for conducting business with the Disclosing Party, or otherwise agreed in writing.

**Intellectual Property Rights:**

Customer shall own all rights, title and interest in and to the Deliverables. The rights, title and interest in and to the Deliverables shall be granted to the Customer only upon receipt of full payment by the Consultant. To the extent that the Deliverables incorporates Consultant pre-existing intellectual property ("Consultant Pre-existing IP"), and such Consultant Pre-Existing IP are necessarily required for the proper functioning of the Deliverables Consultant grants to Customer a perpetual, non-exclusive, worldwide, transferable, royalty-free license to use such Consultant Pre-Existing IP solely along with the Deliverables.

**Warranties:**

Except as expressly stated in this Agreement, the parties disclaim all warranties of any kind, implied, statutory, or in any communication between them, including without limitation, the implied warranties of merchantability, non-infringement, title, and fitness for a particular purpose.

**Limitation of Liability:**

The total liability of the parties under this Agreement (whether in contract, tort (including negligence)) shall not exceed the fees paid to Consultant hereunder. The parties disclaim any indirect, special, consequential or incidental damages or loss of revenue or business profits, however caused, even if advised of the possibility of such

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damages. The foregoing limitations of liability will apply notwithstanding the failure of essential purpose of any limited remedy herein.

**Termination:**

Either party may terminate the Agreement upon sixty (60) days' notice to the other party. Either party may terminate this Agreement immediately if the other party breaches the terms of this Agreement and the breach remains uncured for 30 days from the date of receipt of notice. In case of termination, the Consultant shall be paid for the Services provided on a pro-rata basis.

**Non-Hire and Non-Solicitation:**

During the term of this Agreement and for one (1) year thereafter, neither party will directly or indirectly recruit, solicit or induce any personnel, Consultant or advisor of the other party to terminate his or her relationship with such other party without the prior written permission of the other party.

**Force Majeure:**

Neither party shall be liable for any failure or delay in fulfilling the terms of this Agreement due to fire, strike, war, civil unrest, terrorist action, government regulations, act of Nature or other causes which are unavoidable and beyond the reasonable control of the party claiming force majeure. This provision shall not be construed as relieving either party from its obligation to pay any sum due to the other party.

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**Subcontracting:**

Consultant may subcontract the services to any of its affiliates.

**Entire Agreement:**

This Agreement shall constitute the complete agreement between the parties respecting the subject matter. This Agreement may not be extended, amended, terminated, or superseded except by agreement in writing between the parties. This Agreement supersedes all previous agreements between the Consultant and the Customer, whether oral or written, regarding subject matter hereof, standard terms and conditions of a purchase order or an invoice or any similar document whether hosted on party's website or otherwise, shall be ineffective. There are no intended third party beneficiaries to this Agreement. Each Agreement may be executed in one or more counterparts (including scanned copies), all of which when signed and taken together constitute a single agreement between the parties.

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