	This WBS/Estimation is a draft .This estimate is subject to changes if any additional functionality is required or if we are missing any details in requirements						
Milestone	**Story**	**Story Description**	**Frontend**	**Backend**	**QA**	**DevOps**	**Total Cost($)**
	Project Environment Setup	1. Backend and frontend setup. 2.Database Design & Setup	**0.5**	**0.5**			
MS-1	**User management and Authentication**	User Interface Components 1 Authentication Pages: Login, registration, and password reset interfaces 2 Dashboard Design: Role-specific dashboards with key metrics Authentication System 1 User Authentication: JWT-based authentication system with refresh tokens 2 Role Management: Implementation of role-based access control (RBAC) 3 Password Security: Hashing, password reset, and security policies	**1**	**1**			**$960.00**
	Asset Management	Frontend: 1 Asset Dashboard Design and develop a dashboard for viewing and filtering assets. 2 Asset Details View Develop a detailed asset view showing: General information, specifications, status, and maintenance history. Finance and depreciation info. Backend: 1 Asset Creation & General Information Management Develop functionality for asset data fields: General information (Asset ID, Brand, Model, Category). Physical specifications (Lift Height, Capacity, Serial Number). Location and operational status. Include fields for battery status, attachments, and operational notes. 2 Asset Status & Assignment Tracking Track asset statuses (New, Used, Short-Time Hire). Enable asset assignment to owners or locations.	**3.5**	**3.5**			
MS-2	**Asset Management**	Frontend: 1.Asset Creation & Edit Form Build forms for creating and editing asset records with required fields. 2.Multi-Language Support (English/German) Enable multi-language toggle for all UI elements. Backend: 1. Maintenance Scheduling & History: Develop scheduling for maintenance Maintenance history (Last Maintenance, Next Maintenance). Maintenance costs, warranty info, and warranty expiration. Alerts for upcoming maintenance. 2. Location History & Operational Tracking Build functionality for location tracking and history. Record usage history and operational status (operating hours, usage).	**5**	**5**			**$960.00**
MS-3	**API for Importing Data from BigQuery**			**1**			
	Reporting & Analytics	1 Asset Condition & Status Reports Generate reports on asset conditions, maintenance status, and utilization. 2 Financial & Depreciation Reports Provide detailed financial reports on asset depreciation and expenses. 3 Sales & Inventory Reports Generate reports on assets available for sale, inventory status, and warehouse management.	**3**	**3**			
	Document & Image Management	1 File Upload System Develop functionality to upload up to 20 images and multiple documents for each asset. 2 Document Management Enable viewing and downloading of attached documents in formats such as PDF, XLSX, and Word.	**1**	**1.5**			**$1,104.00**
	Deployment	Deployment to Staging and Production Environment				**1**	
	QA Testing	Testing and Bugs fixing			**1**		
		Total Days	**14**	**15.5**	**1**	**1**	

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Milestone	**Story**	**Story Description**	**Frontend**	**Backend**	**QA**	**DevOps**	**Total Cost($)**
		Total Estimate($12/hr)	**$3,024.00**				
		Estimated Timeline	**3.5 weeks**				
		Tentative Start and End Date	**2nd Dec - 20th Dec**				

Dependency / Assumptions	
S.No.	**Description**
1	Basic database design is good enough to bootstrap the application development. Database design changes and definition changes will be required through out development cycle as per need or change request.
2	Account information detail or any information retrieval from third-party vendor is dependent on their policies and API definition, as well as support from their end.
3	If resources being idle due to any delay from third-party vendor support, the cost will be borne by client.
4	Any development work due to design iteration will be borne by the client.
5	If resources are idle due to delay in the client feedback or client approval or third-party licences then the cost will be borne client.
6	Licenses of third-party application which require to implemented or integrated in the project must be provided by client on timely basis.
7	Any research and development effort required for the successful functionality development will be borne by client.
8	Oodles software development standard pratices will be followed which include code reviews, code audits and other activities. The cost for the same will be borne by the client.
9	Any paid tool that required for the application development or application management. The apportioned cost for these tools will be borne by client.
10	This work break down represents is the best guess estimate and cannot be considered as absolute effort.
11	Any subsequent changes in the scope will be picked up only after formal approval from the client and underlying cost according to effort spent will be shared with client.
12	Since this is a rough estimate, the actual timeline can go 10-20% Up or Down at the time of actual development which has to be borne by client.
13	Anything that is missed while identifying the tasks mentioned above and later on needs to be done post identification, the cost will be borne by the client.