DEVELOPMENT OF VECHILE TRACKING MOBILE APPLICATION FOR FIZATEX EXPORTS



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A project submitted in fulfilment of the requirements for the completion of the course Advance Skills for Project Management Professionals

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SUBJECT: DEVELOPMENT OF VECHILE TRACKING MOBILE APP FOR SUPPLY CHAIN SYSTEM OF FIZATEX EXPORTS

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ABSTRACT

Basic purpose of the project is to develop a user-friendly mobile application for vehicle tracking to be used in the supply chain system of exports-based company 'Fizatex Exports'. The main outcome of this project is to launch a completely functional solution for distribution transport system. This project is fully supervised by it department at Fizatex Exports. The main objective is to meet the requirement to keep tracking of export goods vehicles.

The project started by defining the purpose for the development of mobile based vehicle tracking application. The development of supply chain application consists of three phases i.e., the application homepage development, its implementation & the authorization feature along with the app testing & debugging.

We have used scrum framework for planning and executing the development of this app, while Jira software has been used for the monitoring and tracking of project. The project stakeholders such as product owner, scrum master, and scrum team / stakeholders are identified. The project scope & budget is determined (using value-based analysis & costing), and a scrum team is formed to develop this product. A prioritize product backlog is developed which contained a list of all the features to be used in the app.

Based on prioritization of product backlog, various epics, user stories and tasks were identified and estimated, which were then executed in multiple sprints. The progress of the project and product development was done through Jira, where in various progress measurement tools such as sprint bum down chart & bum up chart were used to show progress of each sprint. In addition, a customized dashboard is also developed. The progress of the overall project can be reviewed by any team member.

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