Technical & Financial Proposal

Of

Event Management Web & Mobile Application

Prepared By

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Implementation Strategy

Our development process incorporates the application of Agile software development principles, an amalgamation of scrum project management processes and extreme programming engineering practices. Our methodology, though clearly defined, is flexible enough to meet the needs of our diverse customer base.
In an aim to achieve operational efficiency, we continually review our processes to ensure high quality development and product delivery. We lay emphasis on partnership, trust and collaborative problem solving. We engage in projects as a sequence of smaller gallops versus a marathon, so our solutions go hand-in-hand with the ever-changing requirements, reducing hours spent on fixes and re-writes.

Technical Expertise

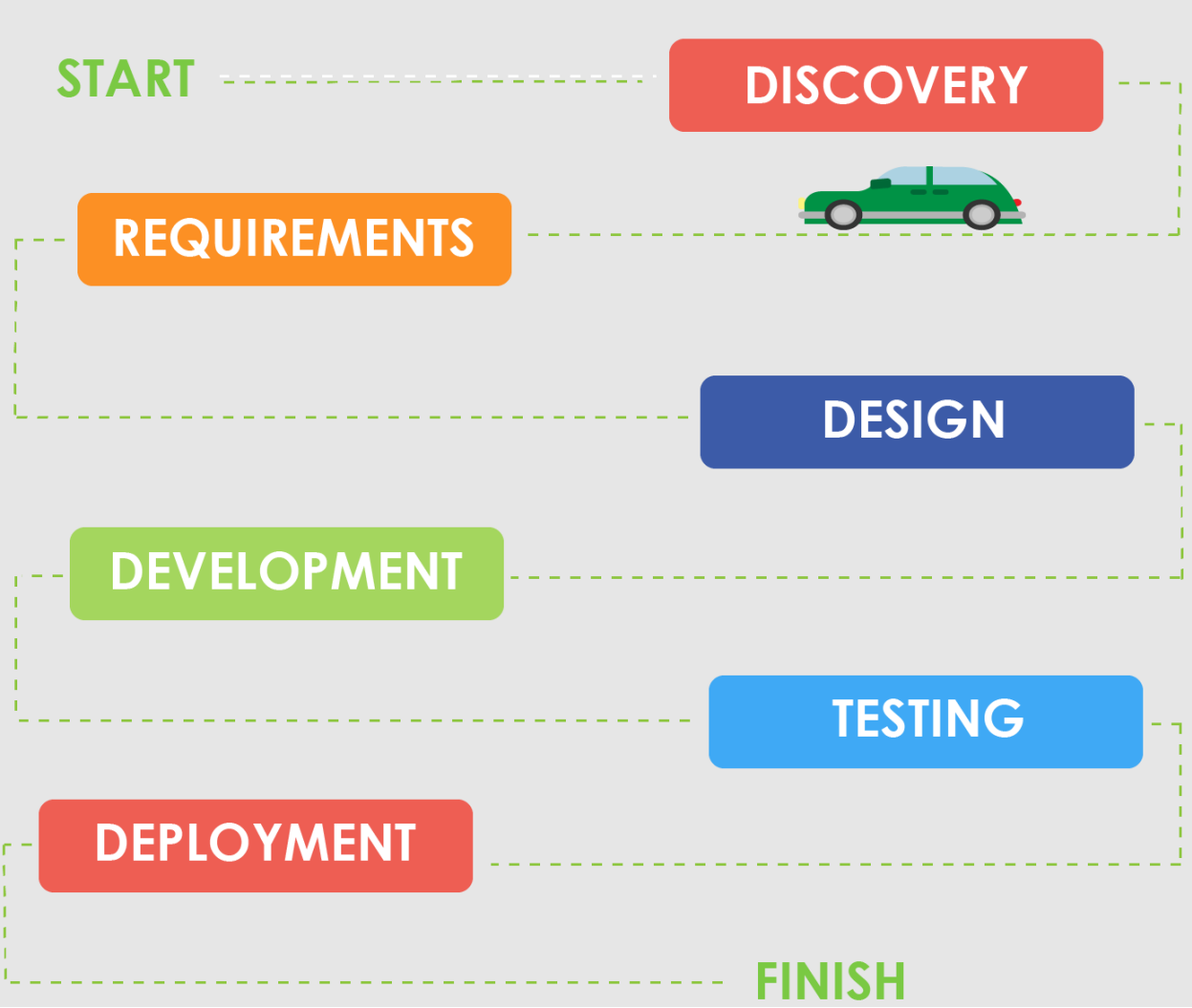
Mobile Platform	Web (Back-End)	Database
Java (Android) Swift (iOS)	PHP (Laravel) Node.js (Express)	MySQL Postgre

Web (Front-End)	Server & Cloud
Angular.js React.js	Nginx AWS

Development Process

We have proven approach to project management that results in timely and successful software installation and implementation. We conduct a special planning process for each new project to ensure that both the customer and their requirements are the primary focus of all personnel assigned to the project.

We also ensure that any unique or customized improvements to standard product offerings are well understood by all participants.



Team Engagement Model

We have well defined program organization structure that enables smooth, zero defect and on time project deliveries. The Program and Project Organization structure will ensure the effective use of resources and provide proper coordination among the various interfaces. An organization functions best when the members know their role and understand their responsibilities.

Project Tracking, Control & Reporting

Project monitoring and control is a key component in the project management cycle. Properly executing this process will contribute significantly to successful project completion. Project monitoring and control also provide information to support status reporting, progress measurement, forecasting and updating current cost and schedule information.

Software Quality Management

In order to make sure the released software is safe and functions as expected, software quality management comes in the game. Software quality can be grouped as – Functional Quality & Structural Quality.

The structural quality of the software is usually hard to manage: It relies mostly on the expertise of the engineering team and can be assured through code review, analysis and refactoring.

At the same time, functional aspect can be assured through a set of dedicated quality management activities, which includes quality assurance, quality control and testing.

Unit Testing

The smallest testable part of the software system is often referred to as a unit. Therefore, this testing level is aimed at examining every single unit of a software system in order to make sure that it meets the original requirements and functions as expected. Unit testing is commonly performed early in the development process by the engineers themselves, not the testing team.

Tools & Method: Automated, Junit, PHPUnit

Load & Performance Testing

The definitive advantages of automated testing in this case are the multiple load and performance tests you can run simultaneously from different devices. It is possible to emulate as many users as possible to ensure the final product is absolutely stable and can handle high traffic.

Tools & Method: Automated, Apache JMeter

Security Consideration

While a system may always have implementation defects or “bugs,” we have found that the security of many systems is breached due to design flaws or “flaws.” We believe that if we can design a secure system, which avoids such flaws, it can significantly reduce the number and impact of security breaches. While bugs and flaws are both different types of defects, we believe there has been quite a bit more focus on common bug types than there has been on secure design and the avoidance of flaws.

Objective

Objective is to develop a platform to connect event participants with host.

Scope of Work

Key Features of Admin Panel:

- All services will be editable from admin panel. Admin can create update delete
- Manage participant / user profile,
- Manage authentication
- Manage event schedule
- Manage award winning list
- Manage notification
- Manage schedule notification

Key Features of Mobile Application:

- User can registrar/ login
- User can manage profile
- User will get all notification
- User can view events schedule
- User can view award winner list
- Media player feature
- User can chat and upload file in the group

User Types & Definitions

- **Admin**
  Super admin is the master user of the application who will see all statistics and information.
- **Participant/ User**
  This type of user can manage his profile, get notification, can chat in the group, can view event schedule.

Technical Specification

Frontend Technology:
HTML, CSS, Bootstrap 5, JavaScript, AngularJs
Backend Technology:
PHP/ Laravel
Database:
MySQL
Android
Java, XML/ Flutter
iOS
Objective C/ Flutter

Purpose	Budget
UI/UX Design	25000
Admin Panel	47000
API Development	20000
Database Design	25000
Chat Feature (With media file & Mention feature)	52000
Schedule Notification/ Push Notification	20000
Media Player	10000
Award Winner List	15000
Event Schedule	15000
Server deployment	12000
Total	**241000**

Timeline:

Development Timeline (If content is available): 25 days.

Deliverable

- Admin Panel
- Android App
- iOS App

Payment Procedure:

- 50% advance payment as its 1st installment.
- 50% due payment after work is done as final installment.