

Draw based Lottery Application

Our UAE based customer, was interested to develop a mobile application, which is focused on the principle of a Raffle Draw.



Sport Industry

Abstract

The application is a platform for the customer to attract maximum number of end users to download the application and participate in the Raffle Draw.

The participation of the Raffle Draw based on the number of coins accumulated and the ticket value of a particular product. End user has multiple options to earn points like., Watch reward video, refer a friend, birthday coins and many more.

Problem Statement

Our customer officially arranging a raffle draws in local tarittary, but he wants to cover the global market. There are several drawbacks of the

- High cost to market the new raffle draw.
- Hard to attract new people.
- Only possible to cover local region.
- Only limited type of draw options are possible.

Benefits Delivered

- **Less staff** is required to manage draw.
- Approximate **60% cut down on operational costs.**
- Marketing **cost is negligible**, end users market the application to ean the coins.
- **20% of users is increased** after release same.
- Provided bias **free secured algorithm** to choose winner.

Challenges & Limitations

- Conceptualization of the application to monetize application in many ways for increasing revenue.
- Multi language and layout support to cover global market.
- Real-time data updates for end user.
- Easy to use web based admin control panel for raffle management and reports.
- Collect data for user behaviours to analyze data for future decisions.
- Application should support more than 1,00,000 concurrent users.



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Aspire Solutions

Aspire established an end to end product development offshore team, starting from the concept building to finished product delivery to support.

- Our Business Analysts got in touch with the customer, understanding the core idea and the main problem we are targeting to solve by the proposed solution.
- Helped the client with "Go To Market" strategy, building a Minimum Viable Product (MVP) and phasing the relevant features.
- Proposed the best-suited technology stack keeping in mind the short-term and the long-term goals.
- Developed a web portal where owner can manage Raffle and report from anywhere.
- Integrated many Ad. Networks using google AdMob for reward videos
- Integrated OAuth2 based authentication for security of data using google FCM.
- Used google FCM for real time data update and push notifications.
- Developed intuitive UI to attract users.
- Integrated Branch.io to share the application details to other people via application's existing users, which market the application globally and help to attract the new users.
- Setup up cluster based environment for J2EE based REST server with load balancing which support more than expected concurrent users load.

Technologies Used

HTMLS, CSS3, SCSS, Angular 4, Ionic 3, Webpack, Java 1.8, Spring boot 4, Spring Security, Spring OAuth2, Hibernate 4, MySQL, Maven, SonarQube, Swagger.

Our Service



Product Development



Web App Development



Mobile Development



Digital Transformation



Odoo ERP Development



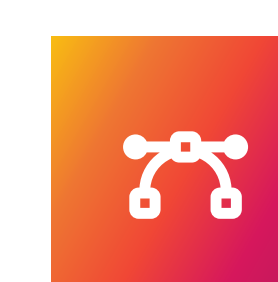
Portal Development



DevOps Service



Staff Augmentation

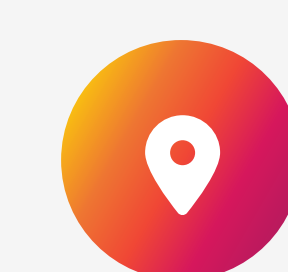


UI/UX Design

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Great Team to work with they had tackled all aspects of my project in every short period of time. I am very happy with their help, and I Took forward working with them on my next project.

Contact Us



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