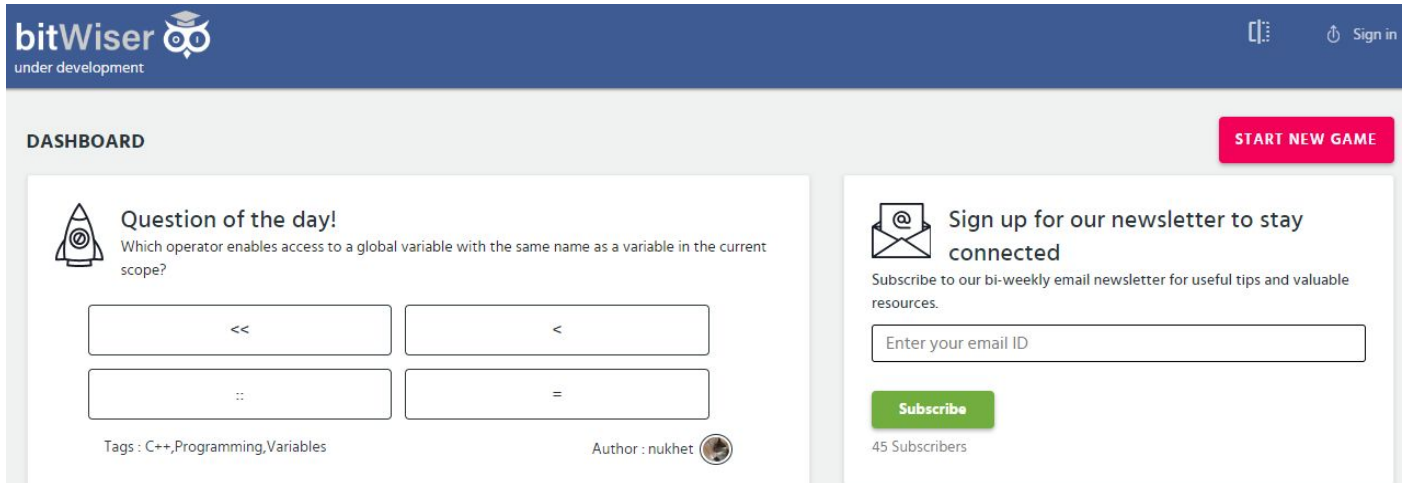


# bitwiser App

“It was a great pleasure working with Milan and his team at ashutec. Milan's excellent management along with his technical expertise allowed me to not worry about day-to-day technical challenges and delivery and freed my time to focus on other aspects of building the product.”

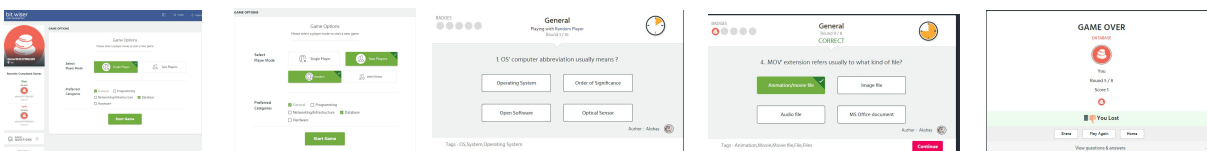
**- Akshay Nihalaney**

**CEO of Emaxers Inc , USA**



bitwiser is an online brain teasers game. In this game, User can post questions about its own interest or on favourite topic, make their own quiz and connect with millions of users who share the same interest worldwide. Play online while challenging friends or random opponents from around the world in a wide variety of topics ranging from general, programming, networking /infrastructure, database, hardware and much more.

Our client was building open sourced technology driven platform for building trivia game. He wanted to check how new edge technology could be used to make highly scalable, performant and easy to maintain platform. When client selected us we did not have knowledge of many technology involved, our team quickly grasp and learned what was needed to do further development. We started with building a Web application and turned it into Progress Web App (PWA) and Server Side Rendering (SSR) for fast initial loading using Angular. Once Web application was created Client wanted to have native mobile applications, at the same time wanted to use available Web application code to maximize productivity and ease of maintenance. We introduced NativeScript into platform to build both Web and Mobile application on a single code base.



## Features

- Responsive web and mobile application
- Progressive Web App and Server side Rendering using Angular
- Elasticsearch on Google Cloud with Firebase functions
- Gameplay
- Single player as well as two player game
- Allows user to customize their picture , display name, location (use geolocation on device), category & tag preferences and their security preferences.
- User can connect with any player worldwide and can play a game
- User can share the link to the app, link to one of the blogs or share their score on social media platforms like Facebook, Twitter, LinkedIn.
- Users can create their own questions and submit it in the system

## Technology

### **Client Side**

NativeScript  
Angular  
Redux  
Ngrx  
RxJS

### **Server Side**

Firebase Functions  
Firebase Auth  
Firebase Hosting  
Firebase Messaging  
Firebase Store  
Firebase Storage  
Firebase Crashlytics  
Express

### **Integration**

Elasticsearch on Google Cloud  
Social login using Google and Facebook  
Social sharing

### **Deployment**

GitHub  
Android Google Play Store  
iOS App Store



## **Who We Are (About US)**

We are a team of engineers and designers who are passionate about creating beautiful and functional applications. We create secure, scalable and maintainable applications. We work for Startup,Enterprises and Individuals.

## **What We Do (Services)**

We offer software and product development services to our clients. We architect, design and develop Web, Mobile and Desktop applications. We deliver quality, reliable and cost effective solutions using fixed cost, time and material models and open to other models as per needs of client.

### **Web Application**

Custom business App, Single page App and Universal App using latest javascript based framework.

### **Mobile Application**

Custom Mobile Apps using cross platform native technology, you pay for once and get both iOS/Android application.

### **Chatbot/AI**

Custom chatbots to operate on your app, facebook, SMS, Slack or phone/voice - all using Dialog Flow.

### **Data Analytics**

Custom Dashboards to visualize data

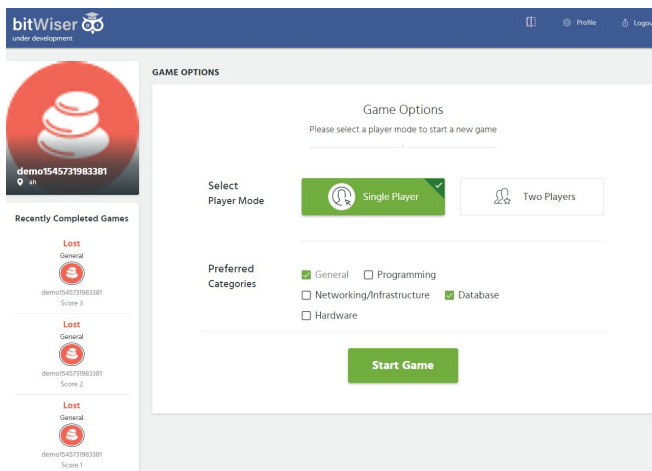
## **What we use (Technologies)**

Angular, Node.js, TypeScript,JavaScript, Bootstrap, HTML5, CSS 3, Mongodb, Maria DB, MySQL, Redis, Couchbase, Elasticsearch, NativeScript,Android, iOS,, Electron , Google Cloud, Amazon AWS, React, React Native.

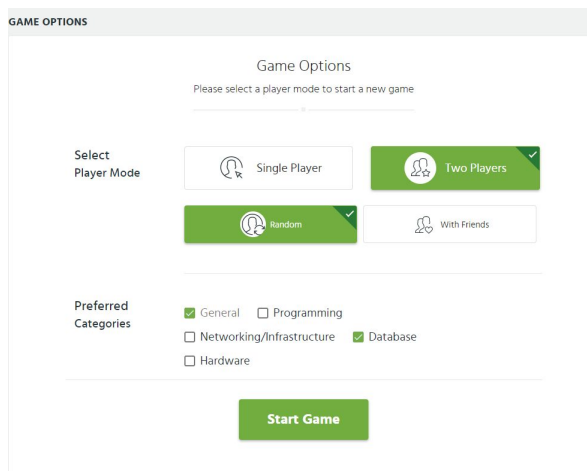
Ashutec Solutions Pvt Ltd

A Software and Product Development Company

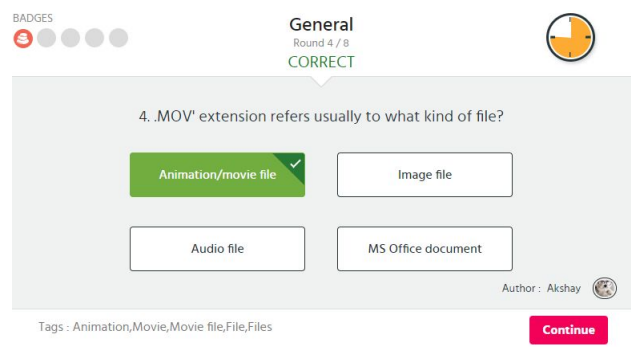
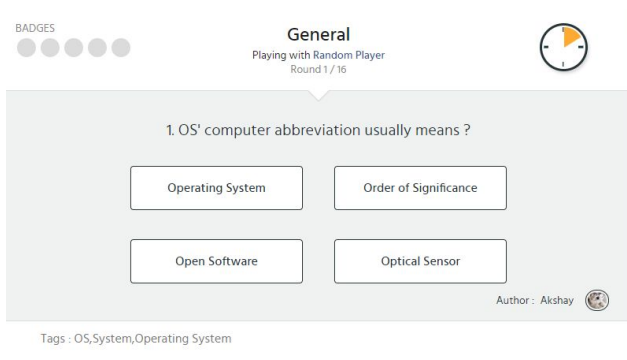
Email: [connect@ashutec.com](mailto:connect@ashutec.com), phone: +91 - 7984839019

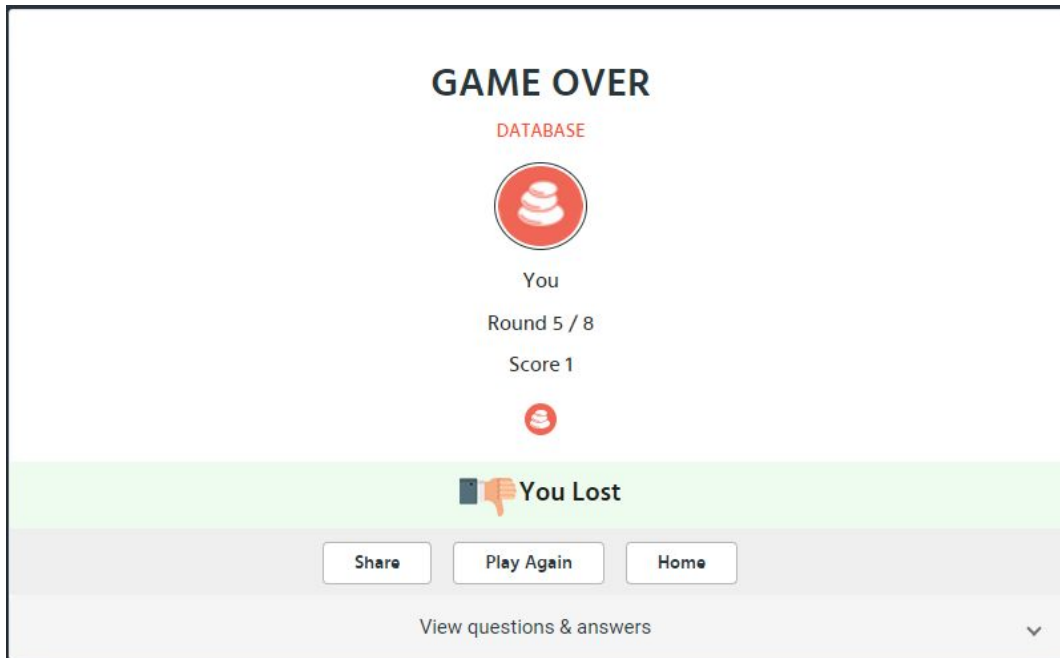


**Single Player Selection**



**Two Player Selection**





**Scorecard of the Game with correct answers to all questions**