

# APP Development Brochure

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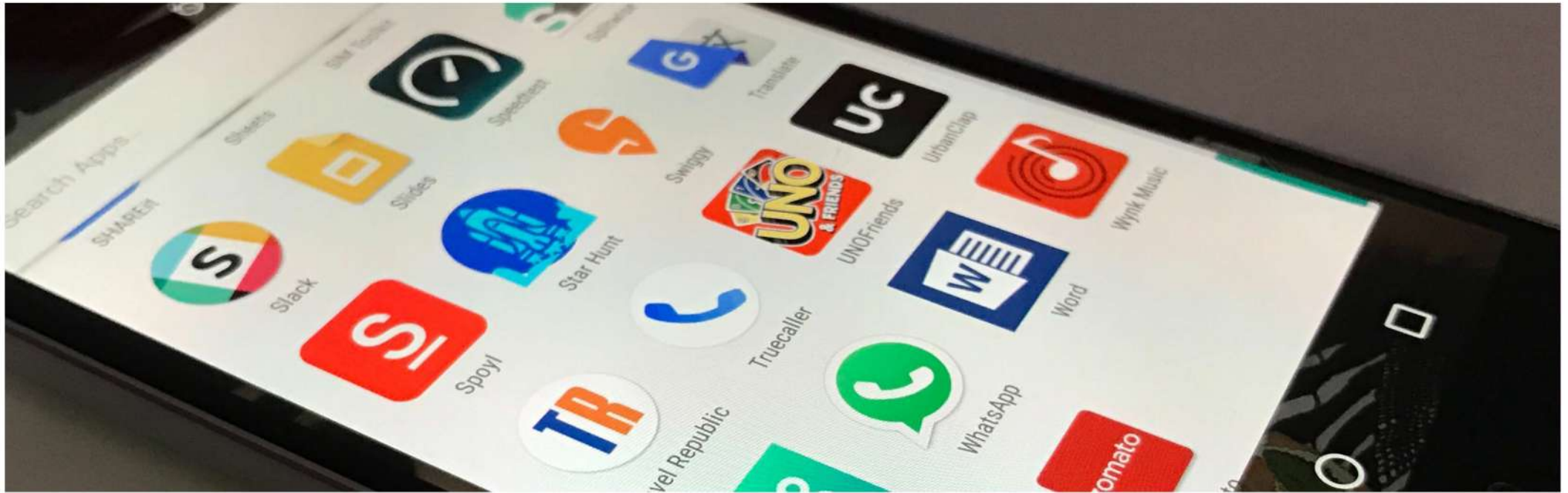


WATCH

androidtv

macOS

iOS



# Why mobile application development?

- 2.5 billion smart phone users across the world.
- There were 194 billion app downloads in 2018.
- Up to 70% of web traffic is generated on a mobile device.
- Mobile apps are projected to hit \$188.9 billion in revenue by 2020.

With the ever growing numbers of smart phone users, mobile app development is a no-brainer in today's customer-driven market. Effective mobile apps are capable of not just converting but engaging new customers as well through dynamic strategies.

## Benefits:

- Brand Reinforcement
- Increased visibility
- Promotes Scalability
- Lead Generation
- Improves Customer Relationship



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## About us

Autonetics strongly believes in keeping in touch with the international technology trends. With the mobile app sector booming, our R&D teams have kept pace with it thanks to innovative methods, cutting edge tools and customer-centric deliveries.

## Our Mobile App Development Lifecycle:



A dedicated research team to ensure that your product hits the right screens.



A multifaceted marketing team ensuring that your leads never stay untapped.



A proficient tech team well versed with industry grade tools and techniques, prompt in the matters of query resolution and delivery.



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# Our Workflow



All our projects are executed as per Agile methodology wherein a project is divided up into short duration 'sprints' or 'iterations'.



When an iteration ends, a working model of the project is launched in the market in order to check its feasibility.



Team Collaboration is undertaken via Monday, Trello, Jira, etc.



Developers Collaboration tools used are GitHub and BitBucket.

## Our Collaboration Tools



Trello



Jira



Monday



GitHUb



BitBucket



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# Prerequisites Of Mobile App Development

In order to create any mobile application, you need:



Optimized user interface in Sketch/Zeppelin/Photoshop /Figma/Invision or any other collaborative UI design software.



Locking Release platforms i.e. Android/Apple Watch/ iOS /MacOS/Android TV



Define your Target Audience



Choose between Native, Hybrid & Web App



Build a pre-launch buzz strategy



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# Hybrid Technologies :



React

This framework covers both Android and iOS platform with less memory usage and excellent responsive time.



Ionic

Easily maintainable, readable, scalable, open source and free framework.

# Native Technologies :



Android

Java and Kotlin are the best choices for Android app development.



Java

It is popular for its flexibility, simplicity



iOS

Swift and objective-C are preferred for developing iOS apps.



Android TV

An Android OS for Digital Media Players featuring UI designed around content discovery and voice search.



Swift

A powerful programming language with concise syntax used for developing fast running apps.



Java Kotlin

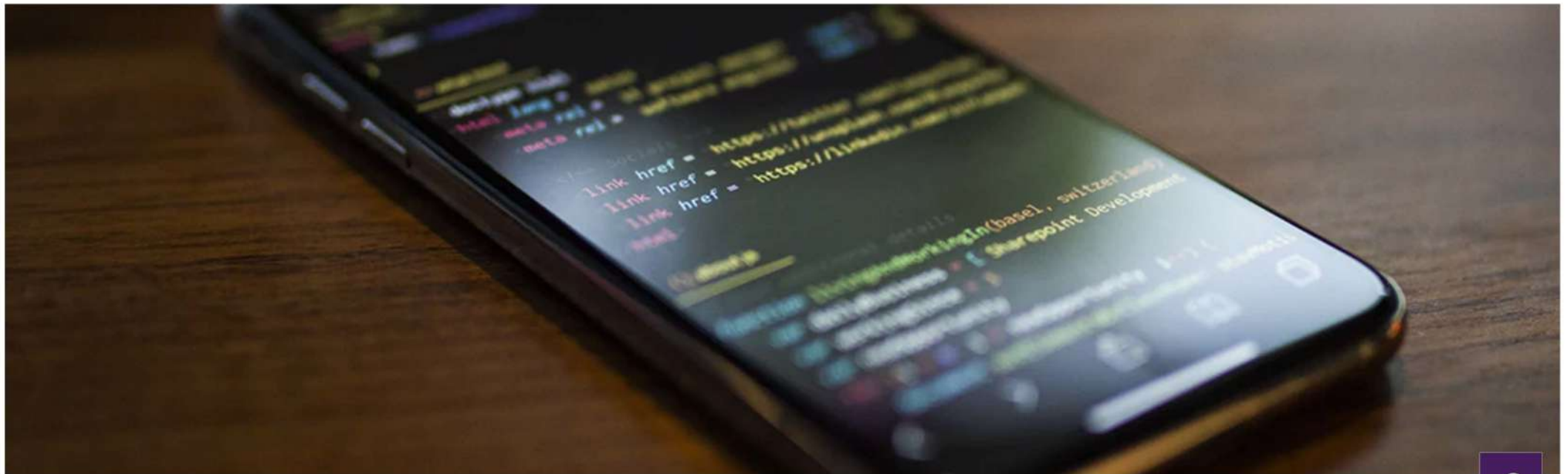
It is an open source and free programming language having both functional and object oriented constructs.



# Why Prefer Hybrid Apps?

Hybrid app development is preferred for the following advantages:-

- Multi-platform support.
- With faster development cycle, it saves time.
- Hassle-free integration with other apps.
- Strong offline support.
- Simple backend and high speed performance.
- It requires only one code base for running on all platforms.
- They provide consistent user experience and are unaffected even if there is a device-change at the user's end.
- Lower investment is required for hybrid app development.



# Why Prefer Native Apps?

Prefer native app development for the following advantages:-

- Created for a specific platform, native apps are extremely efficient, fast, responsive and deliver consistent performance.
- They are an integrated part of the cellphone; hence are highly interactive and run smoother than web apps.
- SDK for developers. It provides half-ready, regularly updated solutions and libraries that interact properly with a given operating system.
- Unlike web apps with underlying technologies like JavaScript and CSS, which rely on different browsers, native apps are far more secure.
- Easy to launch in the App Store and implement new sophisticated features.
- Native apps have full access to device hardware (camera, microphone, GPS etc.), resulting in faster execution and enhanced user experience.





# Backend Technology Stack To Choose From



PHP

This object-oriented, easy to learn language creates dynamic apps using three layered model.



Java

Java is a general-purpose programming language that is class-based, object-oriented, and designed to have as few implementation dependencies



Node

.Node.js is an open-source, cross-platform JavaScript run-time environment that executes JavaScript code outside of a browser.



Python

This is an easy to use, fast and flexible language used across the globe.



.Net

.NET Framework Class Library and provides language interoperability across several programming languages.



Ruby On Rails

Rails is a model-view-controller framework, providing default structures for a database, a web service, and web pages.



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# Database Management Technologies To Choose From



Redis

Redis is an in-memory data structure project implementing a distributed, in-memory key-value database with optional durability.



MySQL

Widely used, open source and free database, known to be really fast and reliable, finds wide support across operating systems in combination with PHP.



MongoDB

It supports queries, multiple servers, autoshaing and failure handling.



Maria DB

MariaDB is a community-developed, commercially supported fork of the MySQL relational database management system.



SQL Lite

SQLite is a relational database management system contained in a C library.



# Our Clients

## The Jet Company

### Application Type:

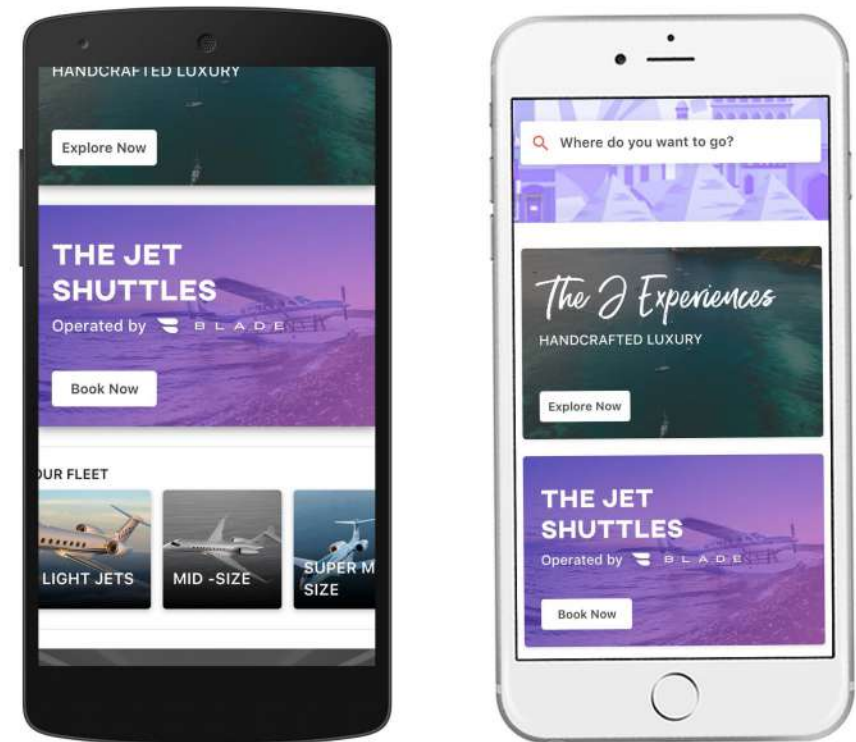
iOS application for iPhone & iPad,  
Android app for mobile & tablet

### Description:

The Jet Company is an on demand aviation platform. The mobile app and website provide real time information on passenger journey. In addition, we understand that a human interface is equally essential. A Concierge Manager who knows you deeply is always available via phone or messenger.

### Key Features:

- Booking of a private jet.
- Booking of individual seats in private jet.
- Order your favorite cuisine when on boarded





# Bikkr

## Application Type:

iOS application for iPhone & iPad,  
Androidapp for mobile & tablet.

## Technologies:

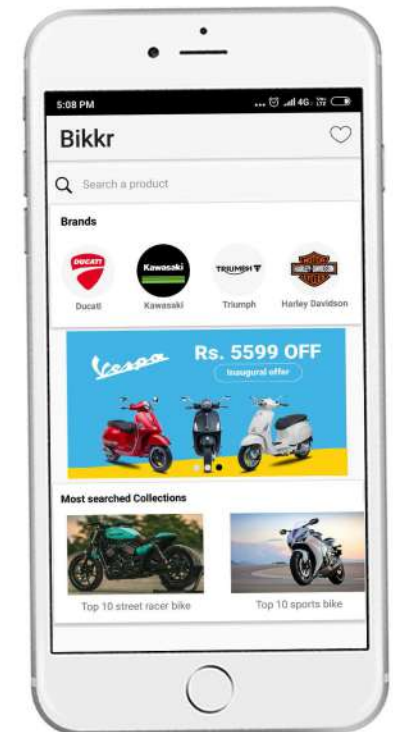
IOS and Android application was developed using react native and the entire website was developed in angular Framework.Backend was on firestore and NodeJS. Algolia used for filtering and searching process.

## Description:

India's only premium marketplace where user can buy/sell motorcycle, buy accessories, book a tour and exchange motorcycle. A marketplace and a one stop solution for motorcycle owners.

## Key Features:

- Explore motorcycle.
- Buy/sell motorcycles.
- Exchange motorcycle.



# LRI

## Application Type:

iOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

The iPhone application was developed using react native iPhone SDK.

## Description:

Leading Realtors India Leading Realtors India is a privately held and professionally managed real estate portfolio management and services company established since more than 15 years and operating out of Gurgaon.

## Key Features:

- Broker Registration/ Onboarding
- Buying and selling of property
- Claim offers and commission.



# Easy Ed

## Application Type:

IOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

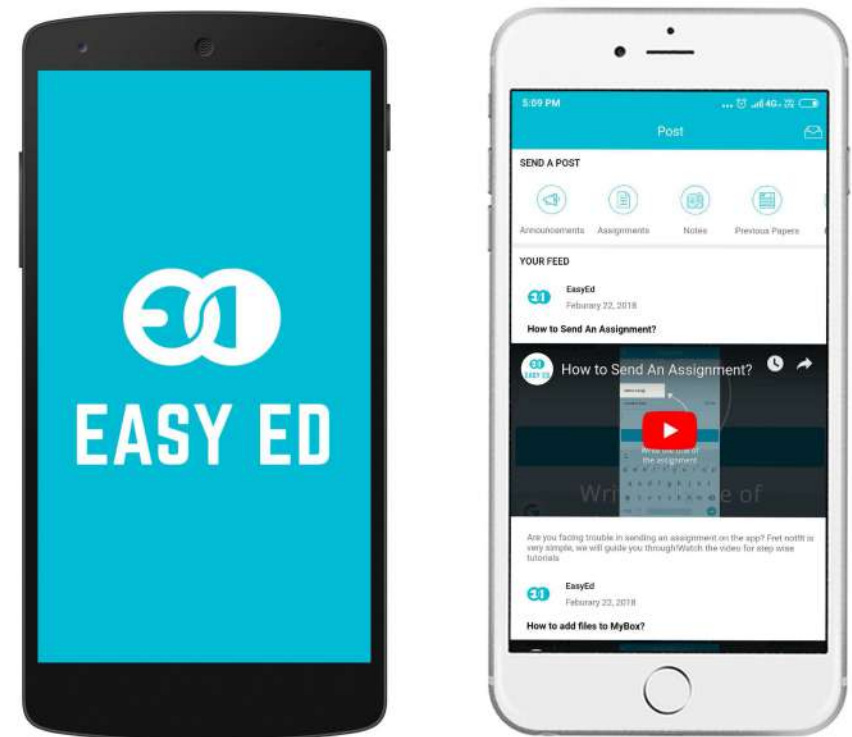
IOS and Android application was developed using Ionic framework ( Angular, NGRX). Backend was on firestore and NodeJS.

## Description:

Transforming classroom education through personalized mobile apps for institutions.

## Key Features:

- Get notes and assignment on the go.
- Mark student attendance
- Share previous year papers





# Betting 24x7

## Application Type:

iOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

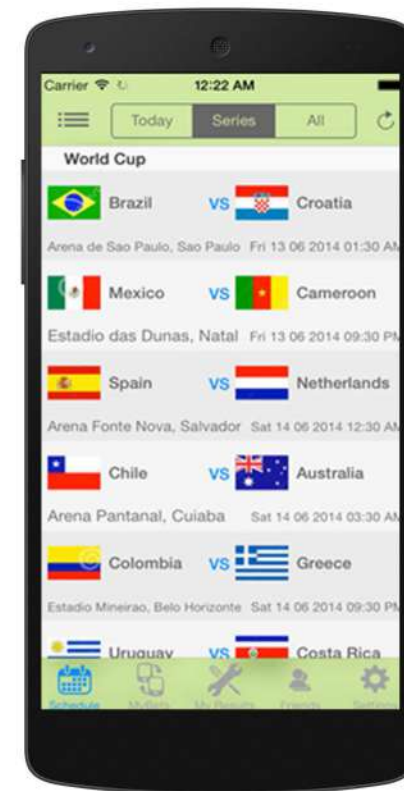
The iPhone application was developed using native iPhone SDK and the entire web application was developed in MVC architecture using Code Igniter Framework (PHP/MySQL). Android application was developed using Android 2.2 API-8 SDK and the entire web application was developed in MVC architecture using Code Igniter Framework (PHP/MySQL).

## Description:

Betting24x7 is an entertainment and unlimited gaming prone app. user can bet on any sport events with his supporting team or player and play with his friends.

## Key Features:

- Quick Checkout in 30 seconds
- SMS Api integration to update real-time status of delivery
- Multiple branches connectivity



# Easy Dialer

## Application Type:

iOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

The iPhone application was developed using native iPhone SDK and the entire web application was developed in MVC architecture using Code Igniter Framework (PHP/MySQL). Android application was developed using Android 2.2 API-8 SDK and the entire web application was developed in MVC architecture using Code Igniter Framework (PHP/MySQL).

## Description:

Easy Dialer is the best way to get in touch with your favorites with just one touch away. Easy Dialer lets you make call or send message to your favorite contacts insanely quickly. Also Easy Dialer can be useful in case of emergency letting you make call instantly without having search for contacts.

## Key Features:

- Get notes and assignment on the go.
- Mark student attendance
- Share previous year papers



# Lucavis

## Application Type:

iOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

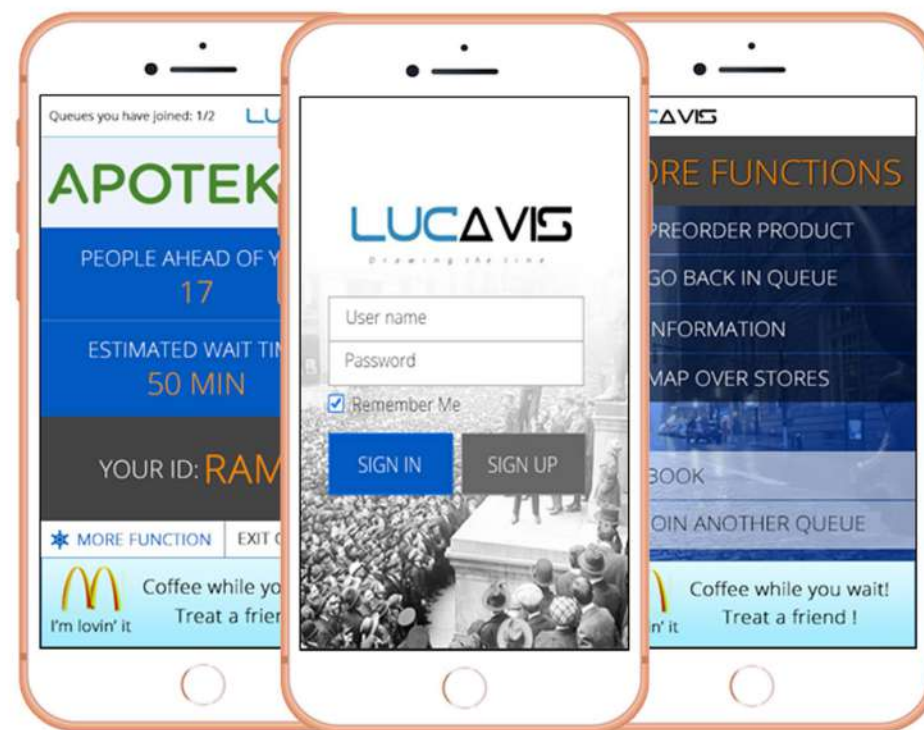
The iPhone application was developed using native iPhone SDK and the entire web application was developed in MVC architecture using ZendFramework (PHP/MySQL). Android application was developed using Android 2.2 API-8 SDK and the entire web application was developed in MVC architecture using ZendFramework (PHP/MySQL).

## Description:

Lucavis is a online queue maintaining system connecting with all major govt. entities in whole Europe. Some of the key stores connecting are Apoteket AB, Polisen, Nordea. Apoteket AB is the national pharmaceuticals retailing former monopoly in Sweden.

## Key Features:

- Quick Checkout in 30 seconds
- SMS Api integration to update real-time status of delivery
- Multiple branches connectivity





# Cruun

## Application Type:

iOS application for iPhone & iPad, Android app for mobile & tablet.

## Technologies:

Android application was developed using Android 2.2 API-8 SDK and the entire web application was developed in MVC architecture using Code Igniter Framework (PHP/MySQL). The iOS app is still under development and has been recently started.

## Description:

Cruun is a collaborative task management system for adaptive teams, where departmental boundaries are blurred and team members contribute across departments. Cruun allows users to collaborate within the team and with outside contributors by encouraging discussion and keeping everyone on the same page

## Key Features:

- Cruun shows you all the activities (new task, discussions, task completed) on all your tasks. You can respond to the activities in real time.

Phone +91 9711728888, +91 9711738888

Landline +91 11 4053 3442

Email [info@websutility.com](mailto:info@websutility.com)

### Address

India OFFICE 1st Branch Plot No 5 Mohan Garden  
2nd Branch Plot No 9 Om Vihar Phase 1-A  
NEW DELHI, 110059 India  
UK OFFICE  
20-22 Wenlock Road, London, England, N1 7GU



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A silhouette of a person climbing a steep rock face against a dark, starry night sky.

**15 +**  
Years Experience

A silhouette of a world map with a crumpled paper texture, set against a dark purple background.

**35 +**  
Countries Clientele

A close-up of two hands shaking in a firm grip, with a pen and documents visible in the blurred background.

**500 +**  
Clients Served



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- +91 9711728888
- +91 9711738888



[info@websutility.com](mailto:info@websutility.com)