

Divorce Alimony Calculator App Developed Using Xamarin

Objective

The divorce alimony mobile app was designed for lawyers for submitting cases which can be further used by other divorce lawyers, mediators, judges and those representing themselves in court. The mobile app has an integrated alimony calculator will estimate the duration of alimony payment, how much alimony needs to be paid, and other possible alimony types besides the “traditional” model. The estimates generated from the app are full compliance with the Alimony Reform Act, March 2012.

Apart from the alimony calculation, the mobile app should deliver estimates of child support based on the 2013 Massachusetts Child Support Guidelines. The calculation workflow first asks to enter the couple’s income which allowed deductions, and the mobile app will provide two child support estimates based on the amount of parenting time. The mobile app should have a feature to generate PDF document following the guidelines and ready for direct submission to the court for proceeding. The PDF’s can also be shared via email to the judge, stored in the Dropbox cloud or Print them for minimizing the documentation process.

Challenges

- Generating PDF reports as per the legal & official standards
- Custom child support calculation
- Data security & legal workflow
- Robust document management & storage
- Cluttered user experience

Approach

Rishabh Software’s team implemented the alimony calculator to collaborate, users, lawyers, courthouse for finding accurate case information as per the US law of Massachusetts state. We were given an existing iOS native app which required further feature addition. We leveraged Xamarin cross-platform technology to minimize development cost, increase device adoption and app usability. We analyzed the legal documentation and developed custom PDFs to follow the formats prescribed by the court.

We followed a waterfall model, and the Xamarin based mobile app was developed in the following manner:

- Developed a new flat UI design with animations to improve user experience
- Implement the 2017 Massachusetts state guidelines in the mobile application
- Change the business logic of the application and test on both platform (iOS, Android) with minor UI changes

Initially, we developed a proof of concept application on iOS platform, and after client’s approval, we generated the code for Android platform. Code reusability was achieved with the help of Xamarin platform, saving development time and efforts.

Business Benefits

- Simplified alimony processing & calculation
- Better user experience with minimalistic navigation structure
- Real-time case data availability and calculation
- Provide easy way to share document using drop-box email
- The first app of its kind that generates PDF of court-approved forms and air print capabilities

Industry Segment

Legal

Customer Profile

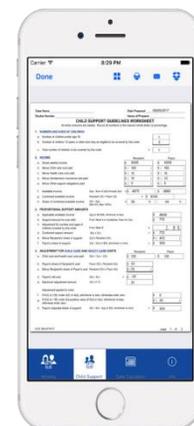
US-based legal service provider

Technology and Tools

- C#
- Xamarin
- Cloud Rail API Integration
- Dropbox Server
- Email Server



Calculate Alimony



Child Support Details

About Rishabh Software

Rishabh Software is a CMMI 3, ISO9001, ISO 27001, Microsoft Gold Partner & Oracle Gold Partner providing application development services & solutions to mid-sized enterprises globally through our offices in the US, UK and India. We leverage the latest technology stacks in Cloud, Mobile, Business Intelligence and other Enterprise technologies helping clients to get the best value of their IT budget. With our team of 250+ application developers, we have implemented 1000+ successful projects across 24 countries. We work on .NET, Java, PHP, iOS, Android, Oracle, IBM and Open Source technologies.



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