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# VCU CCTR Mobile App: Android & iOS

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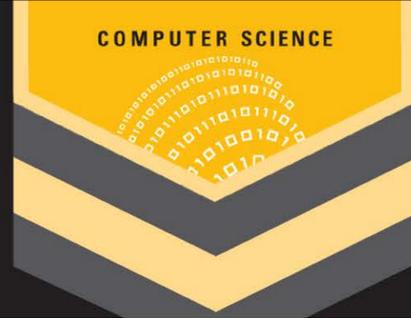
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# VCU CCTR Mobile App

## Android & iOS



### Initial Idea of CCTR App

Within Virginia Commonwealth University, the Center for Clinical and Translational Research (CCTR) provides the necessary infrastructure and resources for interdisciplinary human health research. Through its cores, the CCTR encourages, engages and supports collaborative participation of investigators and students throughout the university, community partners and volunteers in the Richmond region, and government organizations to work together on innovative research that transforms the scientific study of human health.



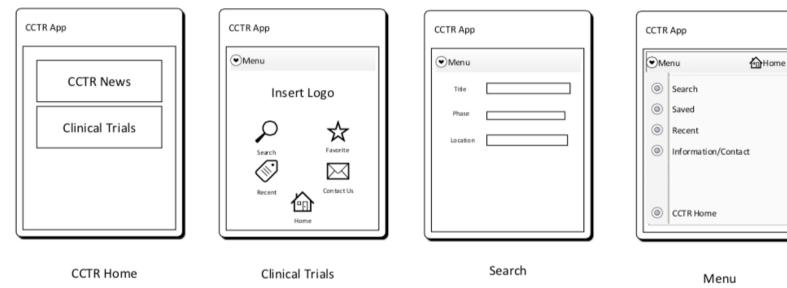
In the past few years, the global PC industry will show a downward trend, while the intelligent mobile phone penetration rate has continued to grow. "As consumers we really do like mobile," ARM's lead mobile strategist James Bruce told WIRED. "If you look from the world perspective, it is fundamentally our primary compute device. The PC has very much become a secondary compute device." We choose to develop mobile tools that allow researchers, clinicians and patients to have access to all accruing clinical trials available at VCU.



Our first step was to gather requirements in order to better understand the product we were delivering the CCTR community some methods we used to in our requirements gathering included:  
 -analyzing our target audience  
 -studying solutions to previous problems that were similar to our objective  
 -identifying the software development methodologies we will be implementing and  
 -relevant technology to which we will deploy our end product

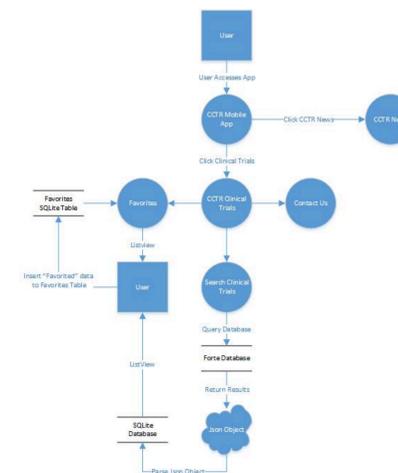
### Design and Development

CCTR Storyboard



Our goals:  
 -Efficiency  
 -Concise  
 -User friendly

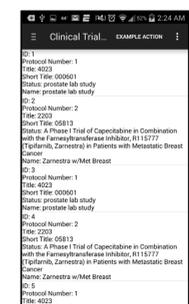
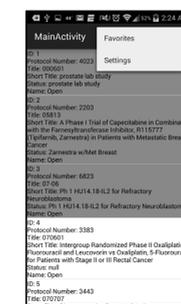
Technology we use:  
 -SQLite  
 -Java  
 -RESTful API  
 -Objective-C



-Create an application that will allow researchers, clinicians, and patients to have access to all accruing clinical trials available at VCU  
 -The application should be able to access these clinical trials based on disease type, inclusion/exclusion criteria, and department sponsoring  
 -The application will implement VCU's clinical research management software OnCore  
 -The application should implement an agile methodology  
 -Promote the translational research being conducted, services offered by shared resource facilities and units including service request forms  
 -The application created should keep in mind user-friendliness to the target audience  
 -Version control was extremely important for this project. Each member was working on a different feature of the app, and with the amount of changes we were making, it was extremely important to compartmentalize all of our work and be able to revert changes in case things break.

### Our Design

VCU CCTR Android



VCU CCTR iOS



Our mobile apps will be available for download on Google Play and App Store soon. You can also visit VCU CCTR website to download our mobile apps. After that we will keep adding the other remaining features to the apps, and provide timely updates in the future.