

The Disambiguators

Motto: "Don't be boring" -H2



Students and staff are struggling to navigate and find their routes on the Bull Tracker in the MyUSF application and are opting to drive to campus rather than use the Bull Runner.



Users can confidently navigate the system for a more user-friendly experience, thus leading to more Bull Runner users and reducing University costs.



- My name is Jordan and I am a new USF student who does not know what bus route I am supposed to use and therefore drive from my apartment to campus.
- My name is Rachel and I know which route I am supposed to ride but am frustrated from constantly checking the bus ETA and wish there was a way to schedule my normal transit to school



- 1. Customizable schedules to automatically select routes, time, and destination
- 2. Search option so find a specific bus
- 3. Notify users of reminders, delays, and ETAs



Development

JustInMind: used for BullTracker wireframes/ User Interface
For Apple Devices: the basic tool is Xcode

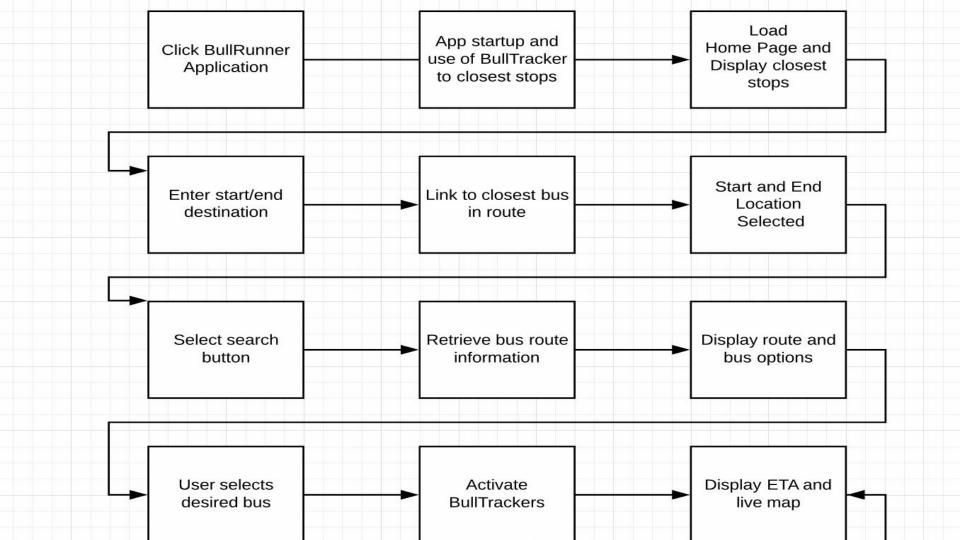
For Android Devices, Windows OS: the common tool for software development is Android Studio.

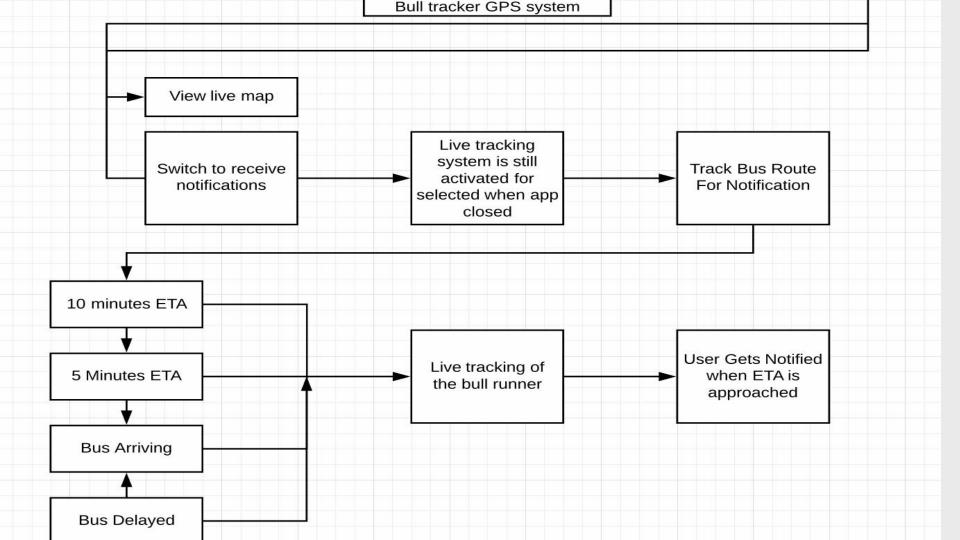
Deployment

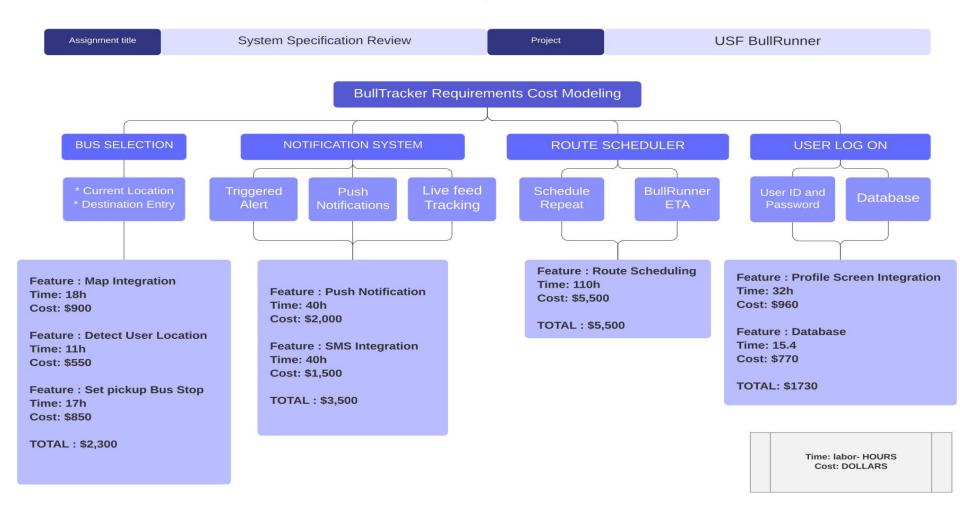
Antivirus Software: McAfee Endpoint Security

Debugging: Bugit (iOS) PocketBugz (Android)

System powered by GMV-Synchromatics
Housed in the USF IT Data Center
42U Universal Server Racks







Application Components Estimation

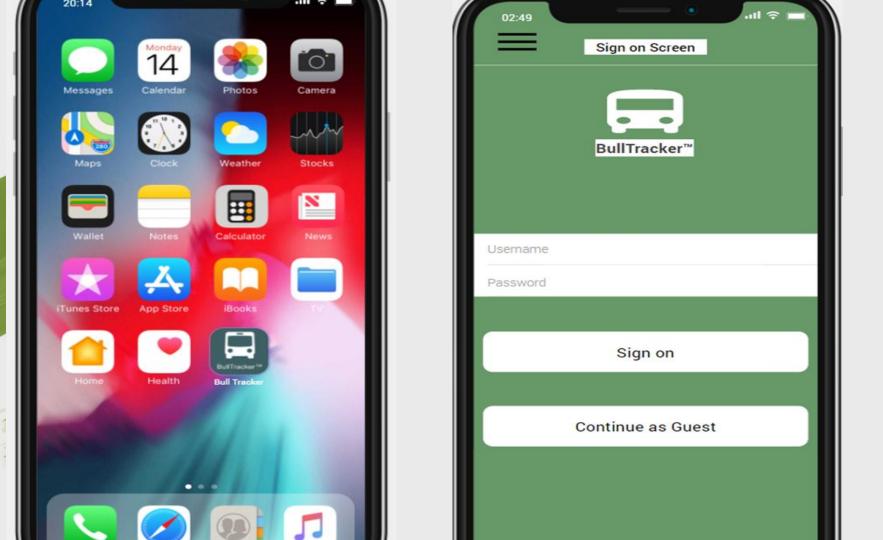
Components	iOS Application	Android Application
Backend	\$5,000	\$5,000
Development	\$10,000	12,000
Design/ FrontEnd	\$9,000	\$11,000
Quality Assurance/ PM	\$6,000	\$7,000
TOTAL	\$30,000	\$35,000

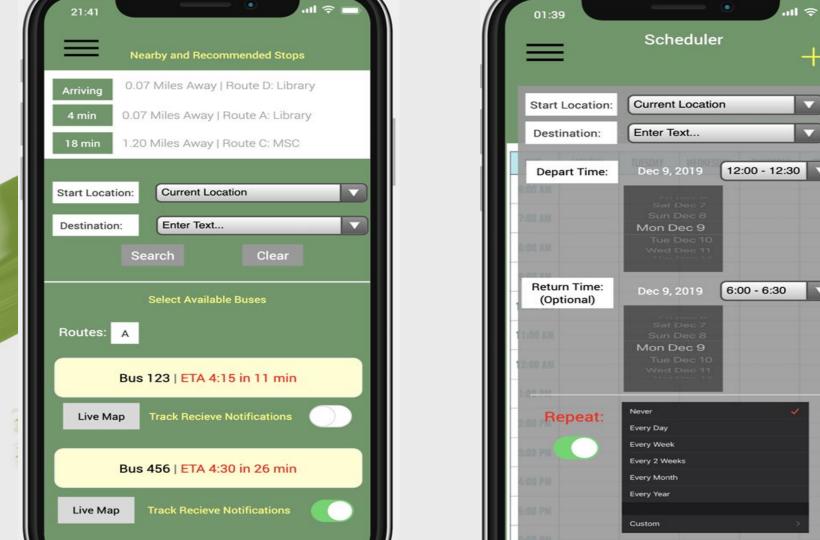
Approximate UI/UX design Cost

FEATURE	Time	Cost
Android UI/UX design	110h	\$5,500
iOS UI/UX design	130h	\$6,500
TOTAL	240h	\$12,000



- ✓ Re-engineered Independent Application
- ✓ The Bull Trackers' GPS system is synced with the user
- ✓ Live Map button feature is available to watch the bus move to its destination.
- ✓ The user will be notified whenever the bus has a delay, driver break, and most importantly when their bus will be arriving.
- ✓ Users have the option to sign on with a username and password or continue as a guest. If user does sign-on, user is granted access to use the Scheduler.\
- ✓ An enabled switch allows the customizable schedule to be repeated either every day, every week, or every 2 weeks.











Goodbye from your team The Disambiguators!

