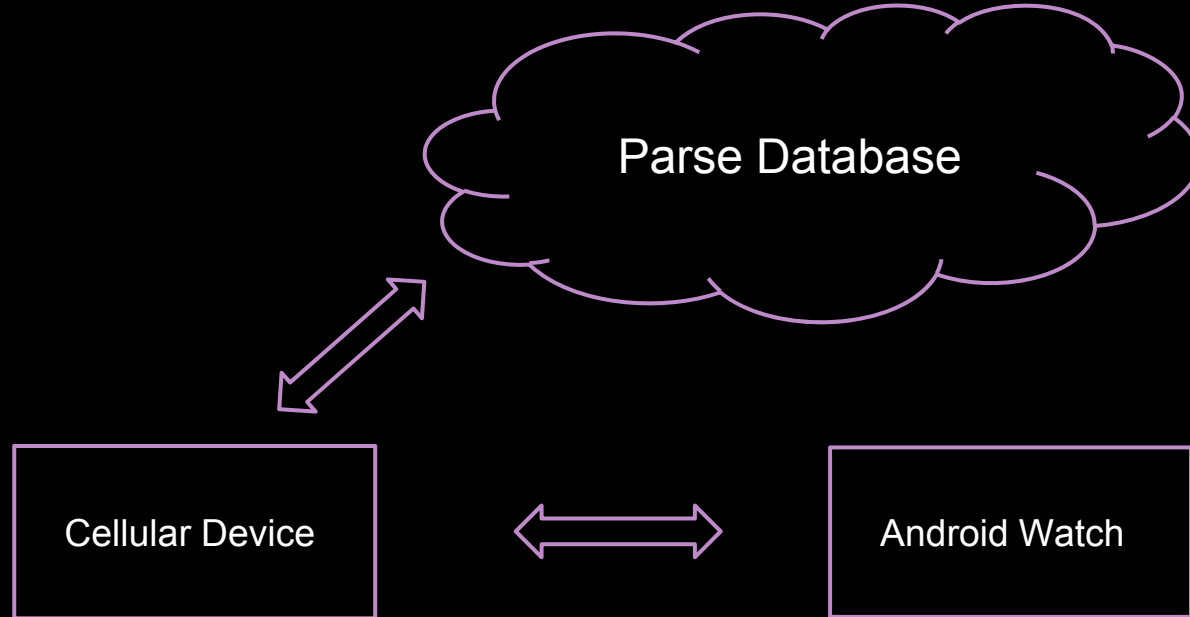# The Watchmen

Progress Presentation 2.0

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Final Design Summary

The Capital One Watch App will consist of four primary functions that allow the user to utilize common banking tasks. Once the app is downloaded, the user will have the of option selecting which functions he/she wants to use.

Final Design Schematic

Parse Database

Cellular Device ⟷ Android Watch

CapOne App Primary Functions

- ❖ Check Balance: Sends the amount of money in account to the user
- ❖ Fraud Alert: Notifies the user when fraudulent activity has occurred and prompts the user for a response
- ❖ Bill Pay: Alerts the user when a bill is and asks if user wishes to pay the bill
- ❖ Low Balance: Notifies the user when the bank balance falls below $25

System Requirements

- System must have internet connection to receive data.
- Data must be retrieved in less that .5 sec.
- Data must be accurate .
- Fraud notification must activate in under 5 minutes after incorrect purchase.

Milestones Vs Outcomes

Milestones	Progress
Optimize and finalize Check Balance function	Complete
Start Implementation of Fraud alert function	Complete
Test Implementation of Fraud alert function	Complete
Connect Fraud alert to parse	In progress
Optimize for efficiency	In progress

HIghlights

- Fixed all bugs in Check balance function and are now able to retrieve data 100% of time.
- Successfully created Fraud alert function
- Successfully tested Fraud alert function and will soon connect to parse
- On schedule for demonstration and goals

Lowlights

- ➢ Unfortunately not all members were able to attend Capital One meetup.
- ➢ Still have differing versions of Android Studio
- ➢ Customization of desired functions has not been enabled properly.
- ➢ First attempt at an interesting layout has an unwanted white border

Risk Mitigation

	Issue	Probability	Impact	Mitigation Approach
1.	Unable to properly send/retrieve data from Parse	1	8	Research
2.	Differing versions of Android Studios	4	3	Wait/Accept
3.	Manipulating/Updating database	5	5	Research
4.	Run time crash	5	8	Research
5.	UI layout is very bland (demonstration soon)	7	2	Wait
6.	No communication method between emulator and physical device	8	3	Research / Accept upon confirmation from CapOne

How lowlights are to be resolved

➢ Meet up on friday and recap what happened at the Capital One meet up

➢ Sit down and get all computers to have the same version of Android Studio

➢ Work on the customization

➢ Play around with different layouts

Changes to be made in approach

- Make sure everyone is updated on the different tasks each person has
- Keep a better schedule for meetings with Capital One
- Keep better communication between teammates

Next Milestone

- Complete the fraud alert function
- Start implementing the bill pay function
- Test the code
- Connect bill pay function to parse database
- Optimize the function for efficiency

Check balance Demonstration

Q&A