# cryptoTrack

Group 11

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Group Members:
- Tyree Pearson
- Gregory Arbouzov
- Jonathan Kizer

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Goal:
- Easily access prices of the most popular cryptocurrencies
- Quickly view the value of current holdings
- Track the "top performers" over a certain time horizon

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Target Audience:

- People who are newly interested in cryptocurrencies
- New cryptocurrency traders
- Experienced traders that want a lightweight client to view prices and trends

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Application Functionality:
- Quickly view currencies with 3D Touch shortcut
- Top Performers to see which currencies are growing
- View currencies in both USD and BTC (bitcoin)
- Track current value of cryptocurrency holdings
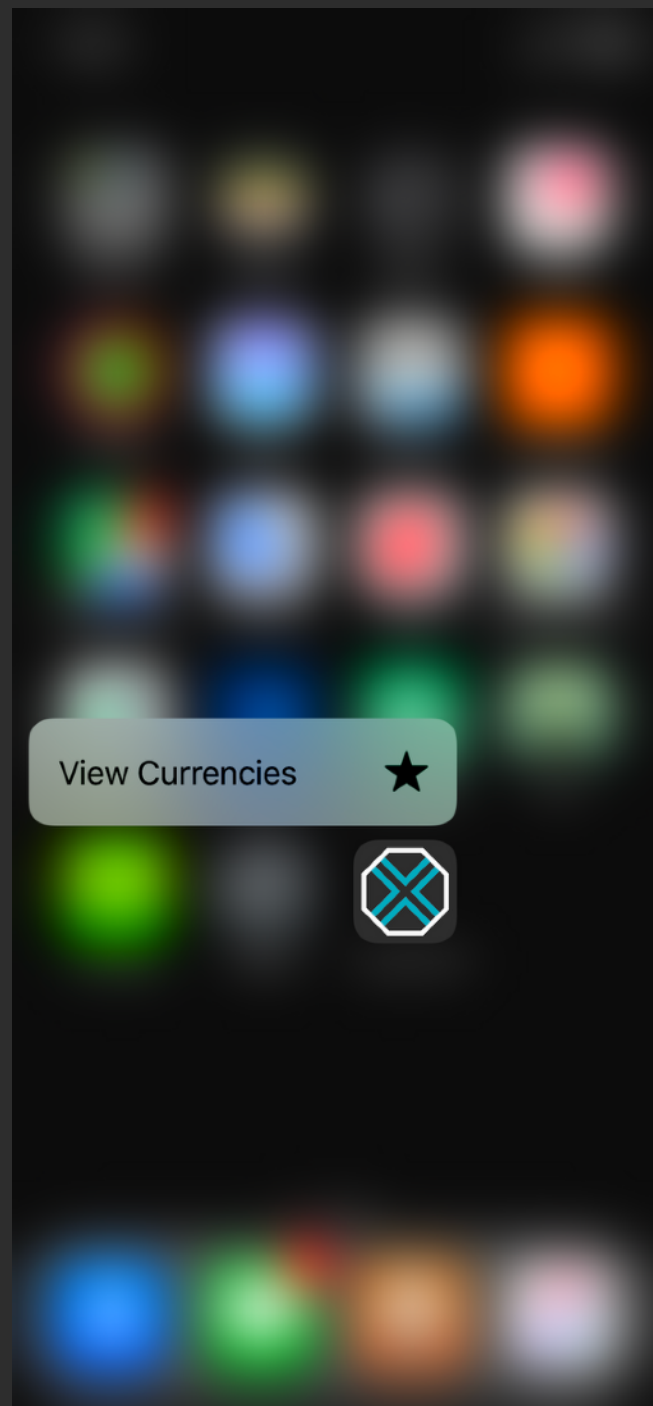
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Application Challenges Experienced:
- Fetching and parsing current cryptocurrency prices
- Fetching Firebase data if appropriate
- Parsing and calculating values before views load

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Group Member Contributions:

- Greg Arbouzov
  - User creation/login system
  - Cryptocurrency fetching
- Tyree Pearson
  - Settings page
  - Cryptocurrency parsing
- Jonathan Kizer
  - Cryptocurrency value calculation
  - Firebase integration

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- 3D Touch on icon to quickly access currency information

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- Quick View allows users to view currency information quickly and without logging in

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- User login system
  - Tap "+" to create a new user
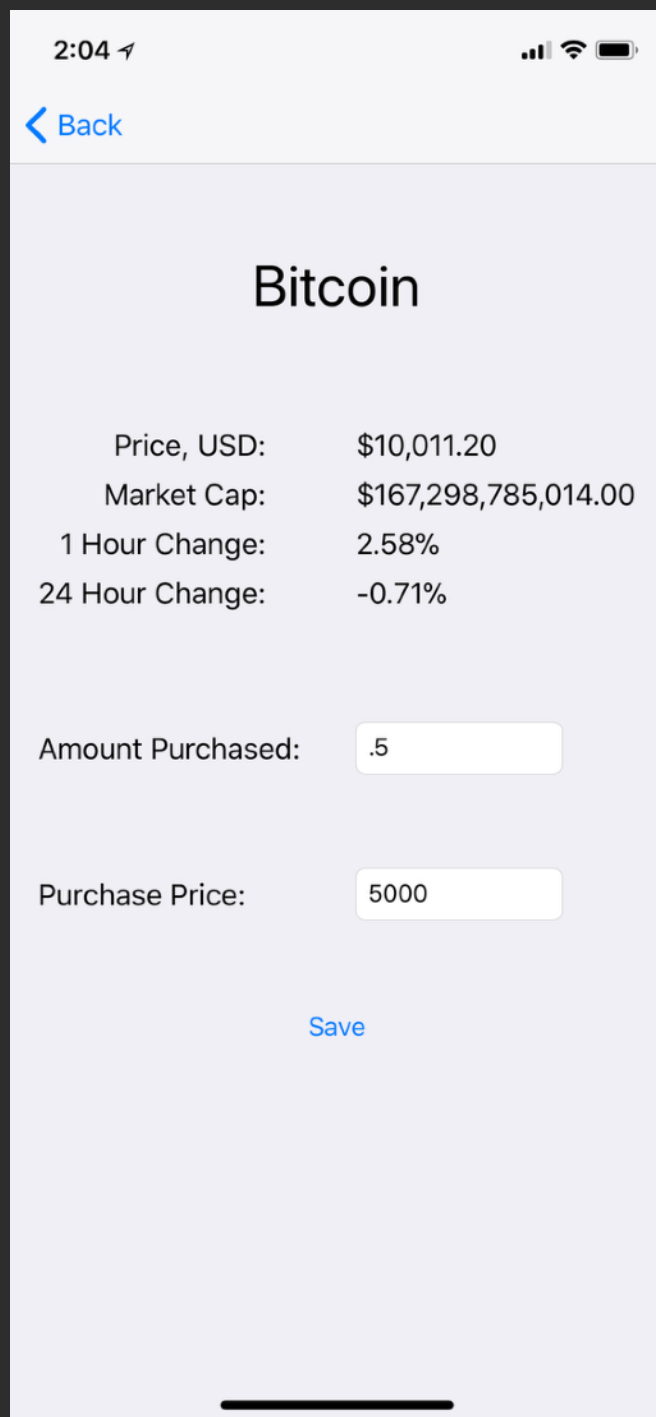  - Tap "Currencies" to quickly check currency trends
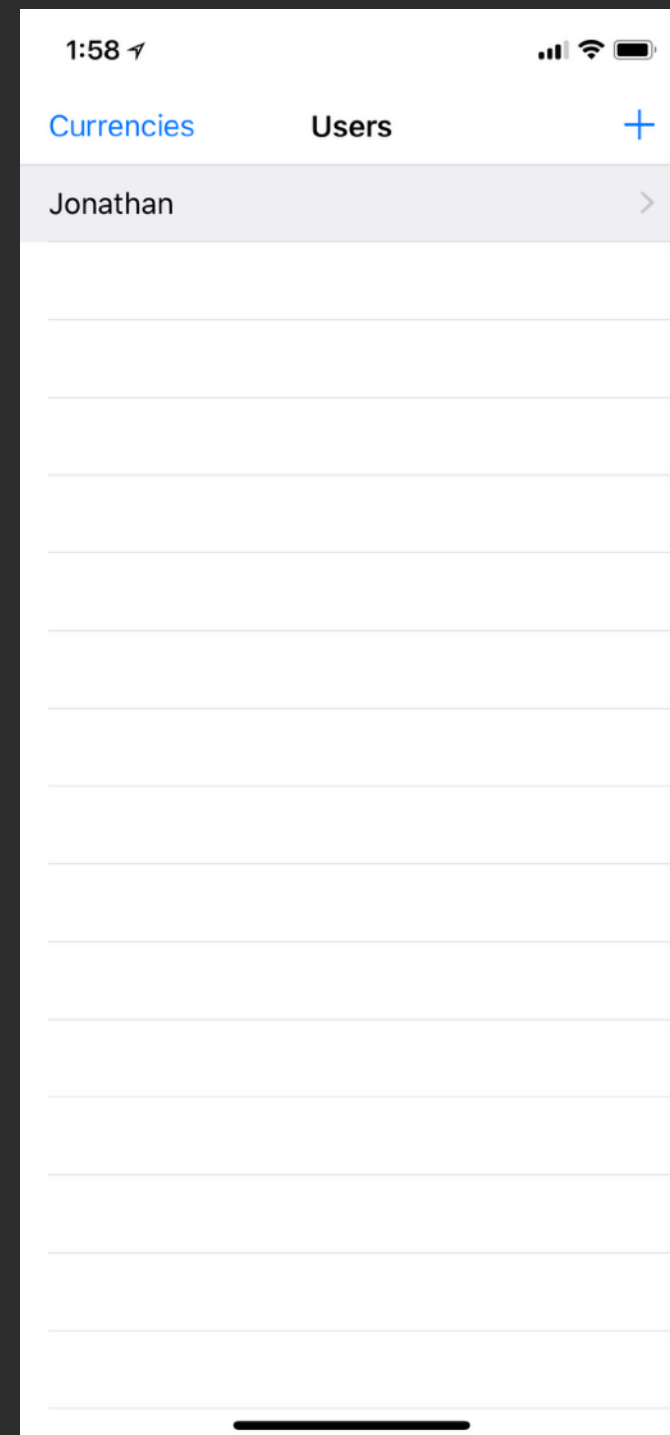
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- Upon logging in…
  - User can view currency information
  - Top Performers
  - Value of their holdings

**1:59**

Log Out  **Currencies**  Settings

Top Performers
1:  Ethereum Classic          9.12%
2:  Waves                     5.52%
3:  Stellar Lumens            5.37%

Value of Holdings:          $2,505.60

Bitcoin                    $10,011.20

BTC              $167,298,785,014.00

Ethereum                     $439.48

ETH               $42,212,499,160.00

Bitcoin Cash                $1,313.40

BCH               $22,105,342,875.00

Ripple                         $0.25

XRP                $9,472,065,854.00

Dash                         $778.60

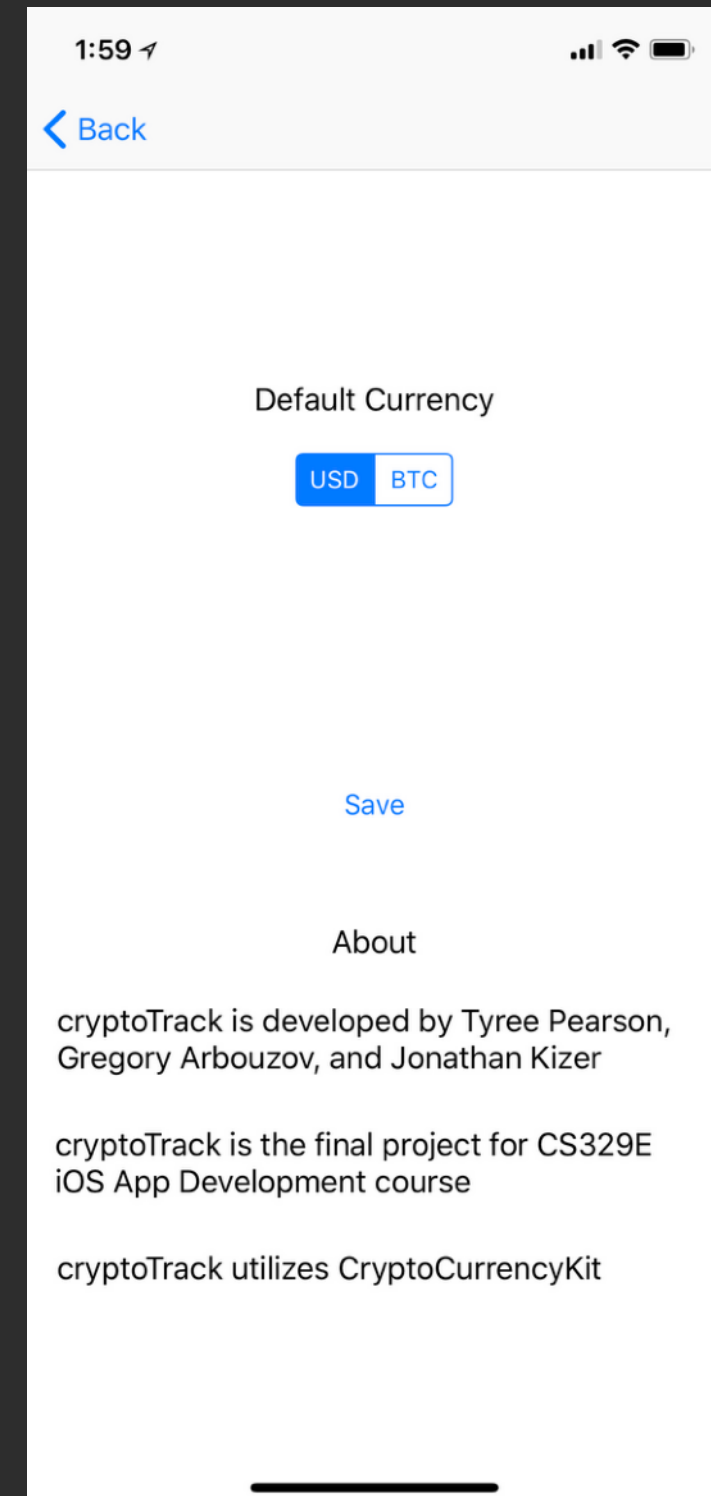DASH               $6,010,777,054.00

Bitcoin Gold                 $294.61

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- Tapping on a specific currency allows you view more information, and add holdings information

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- User is able to choose whether currencies are displayed in USD or BTC

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Demo

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Q&A