



Crypto Trading Simulator

Planned for: **Frank Schulz** | Lecturer

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PROJECT IDEA

Project summary

The project consists of creating a web application for trading crypto currencies in a virtual environment. The web app combines the real life crypto trading market with a risk free way to learn and experience crypto trading first-hand and comparing your skills with friends.

Functionality

When opening an account, the user receives a virtual starting amount and can freely divide and invest this amount. The user is presented detailed graphs of the current exchange rates of the most common cryptocurrencies. When investing, the value of each users investment is computed and displayed live in US dollars according to the current exchange rates. There will also be a scoreboard, ranking users by the revenue they generated, thereby enabling users to compare their trading skills.

Basic concept of the architecture

The web app will be created with Node.js/Express, React and MongoDB as a MERN stack. All account information (login data, account balance, crypto currencies in the portfolio, trading history) will be stored in a MongoDB database. The live cryptocurrency exchange data will be provided by an API and the charts will be powered by TradingView. This guarantees a smooth user experience and a seamlessly integrated user interface displaying live data in a dashboard-like fashion.

The Business Model Canvas

Designed for: Crypto Trading Simulator

Designed by: Pius Walter, Golo Mühl, Silas Pohl

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Designed by: Strategyzer AG

The makers of Business Model Generation and Strategyzer

The Value Proposition Canvas

Value Proposition

Crypto Trading Simulator - Invest In The Future Of Currency

Customer Segment

Interested in the field of trading crypto currencies. No limitation on income and gender. Age from 18 years.

