



## Sprint 2

### Backlog:

*Total estimation points: 100*

#### 1. User Story: Refine candle getter

- Client's side should receive proper candles with parameters of a specific strategy and condition if this parameter exists.
- Acceptance Criteria:
  - Implement an API method that returns candlestick data in JSON format.
  - The JSON response should contain all necessary information for market data visualization.
  - Ensure that the candlestick data provided corresponds to the parameters of the specified strategy.
  - Validate the existence of conditions for each parameter within the returned data.
- Estimation: 30 points
- Priority: High

#### 2. User Story: Add exception to api methods

- User shouldn't be confused if something goes wrong in the backend. That is why proper exception should be built right from the begging of the project
- Acceptance Criteria:
  - Every API method must be equipped to handle errors gracefully.
  - Implement proper error messaging to communicate backend issues to users.
  - Ensure consistency in error handling across all API endpoints.
- Estimation: 30 points
- Priority: High

#### 3. User Story: Historical Data Visualization

- User should be able to view historical market data to analyze past performance.
- Acceptance Criteria:
  - Implement a charting component for displaying historical price data.
  - Allow users to select different timeframes (e.g., daily, weekly, monthly).



- Estimation: 20 points
- Priority: Medium

#### 4. User Story: **Strategy Visualization**

- User should be able to view strategy charts on market data to analyze this strategy past performance.
- Acceptance Criteria:
  - Implement a charting component for displaying strategy charts.
  - Allow users to select different strategies for visualization (at least 2).
- Estimation: 15 points
- Priority: Medium

#### 5. User Story: **Money Calculator**

- User should be able to count his possible profit using this specific strategy signals.
- Acceptance Criteria:
  - Allow users to specify a period and enter an investment amount.
  - Display the potential profit amount based on the selected period and investment sum.
- Estimation: 5 points
- Priority: low