

User stories

Sprint = 100 p.p.

Total project = 500 p.p.

Title: Strategy upload	Priority: 5/5	Estimate: 200/500
As a trader I want to be able to upload my trading strategies So I can pass them down to the test program.		
Acceptance criteria: <ul style="list-style-type: none">• I can select a trading strategy on my local machine and upload it with the UI.• All uploaded strategy should only be visible in my own account.• I should be able to only upload supported file formats.		

Title: Login/Authentication	Priority: 4/5	Estimate: 100/500
As a trader I want to be able to login on the platform So I can watch and test my own strategies.		
Acceptance criteria: <ul style="list-style-type: none">• I can login into the platform and look at my own data		

Title: Historical data	Priority: 5/5	Estimate: 100/500
As a trader I want to be able to test my strategies on historical data So I can determine its performance over multiple time frames		
Acceptance criteria: <ul style="list-style-type: none">• The trading data is from the last 3 weeks• I am able to run tests with this data		

Title: Advice	Priority: 5/5	Estimate: 200/500
As a trader I want to be able to get an advice So I can use the best possible strategy.		
Acceptance criteria: <ul style="list-style-type: none">• This advice contains information about the profit that will be made from the running test		

Title: Running tests	Priority: 4/5	Estimate: 100/500
As a trader I want to be able to track the running tests on the platform So I can see what the estimated time is when they will be done.		
Acceptance criteria: <ul style="list-style-type: none">• Progress bar for all the tests that are running		

Title: Scalability	Priority: 5/5	Estimate: 400/500
As a trader I want to test my strategies as fast as possible So I can find the most optimal trading strategy easier		
Acceptance criteria: <ul style="list-style-type: none"> The system will add a test instance if it improves the speed of the current test Multiple tests are running simultaneously 		

Title: Strategy variables	Priority: 5/5	Estimate: 200/500
As a trader I want to test different variable ranges in my strategies So the system can determine all possible outcomes.		
Acceptance criteria: <ul style="list-style-type: none"> All variables used in the strategy are visible to the user. The numeric variables can be ranged by the user. While testing the strategy all of the possible values inside the selected ranges need to be tested. 		

Title: Time period	Priority: 4/5	Estimate: 300/500
As a trader I want to test my strategy on different time periods So I can determine how the strategy performs in different periods.		
Acceptance criteria: <ul style="list-style-type: none"> I can select a range of two dates. The parameters are transferred to the test instance 		

Title: Change profile	Priority: 3/5	Estimate: 100/500
As a trader I want to be able to change my account information So I can change this when needed.		
Acceptance criteria: <ul style="list-style-type: none"> Platform has page to change profile The user can change his password and e-mail if he wants 		

Title: Registration	Priority: 4/5	Estimate: 100/500
As a trader I want to be able to register an account So I can save my strategies and test results.		
Acceptance criteria: <ul style="list-style-type: none"> The homepage has a link to a registration option. The user should see a form on the registration page The user can only register if all the required fields are filled. 		

- The user receives an e-mail after registration to activate the account.

Title: Advice criteria	Priority: 4/5	Estimate: 200/500
As a trader I want to be able to select criteria to formulate the advice So I can adjust the advice to my personal preference.		
Acceptance criteria: <ul style="list-style-type: none"> • The user can select a variable from the trading strategy to test the results on. • The user can select properties of the graphs representing the strategy performance. 		

Title: Interval	Priority: 5/5	Estimate: 100/500
As a trader I want to be able to select a desired tick interval So I can test specifically on position changes in a specific time.		
Acceptance criteria: <ul style="list-style-type: none"> • The user can select a tick interval from a drop down. • The tick interval values are determined upfront and should match the available data. • While running the test the trading strategy should only be tested every selected tick interval. 		

Title: Increasing steps	Priority: 5/5	Estimate: 200/500
As a trader I want to be able to select an increase amount in which the selected ranged values will increase So I can test more flexible.		
Acceptance criteria: <ul style="list-style-type: none"> • The user can select a number per variable. • While running the test the variable should increase with the selected amount until the end of the range is tested. 		

Title: Hosting	Priority: 5/5	Estimate: 200/500
As a trader I want to be able to use the platform online So I can don't have to install it on my own device		
Acceptance criteria: <ul style="list-style-type: none"> • Hosting online • Hosting services online 		

Title: Safety	Priority: 5/5	Estimate: ∞/500
As a trader I want to be sure that my data is only available for me So my data is secure		
Acceptance criteria: <ul style="list-style-type: none"> • Implementation according GDPR 		

Title: Performance	Priority: continuous	Estimate: continuous
As a product owner I want to have a high performance platform So the end user aquires fast end results		
Acceptance criteria: <ul style="list-style-type: none"> • Strategy testing speed should be max 1 sec per strategy test • Fast advice generation/analyses 		