

# Sprint 1 Automated trading model

Groep 4

# Inhoudsopgave



**OPLEVERING**



**PLANNING**



**REFLECTIE**

# User stories sprint 1

- As a trader i want to be able to login on the platform so i can watch and test my own strategies
- As a trader i want be able to upload my trading strategies so i can pass them down to the test program
- As a trader i want to be able to run a strategy test so i can test strategies

As a trader i want to be able to login on the platform  
so i can watch and test my own strategies

## Automated trading model

### Sign In

Log in



Login with Google

Forgot Password?

Don't have an account? Sign Up



### Een account selecteren

om door te gaan naar

[automated-trading-platfo-d783a.firebaseio.com](https://automated-trading-platfo-d783a.firebaseio.com)



Sem de Wilde

devsem dw@gmail.com



Sem de Wilde

sem.dewilde6@gmail.com

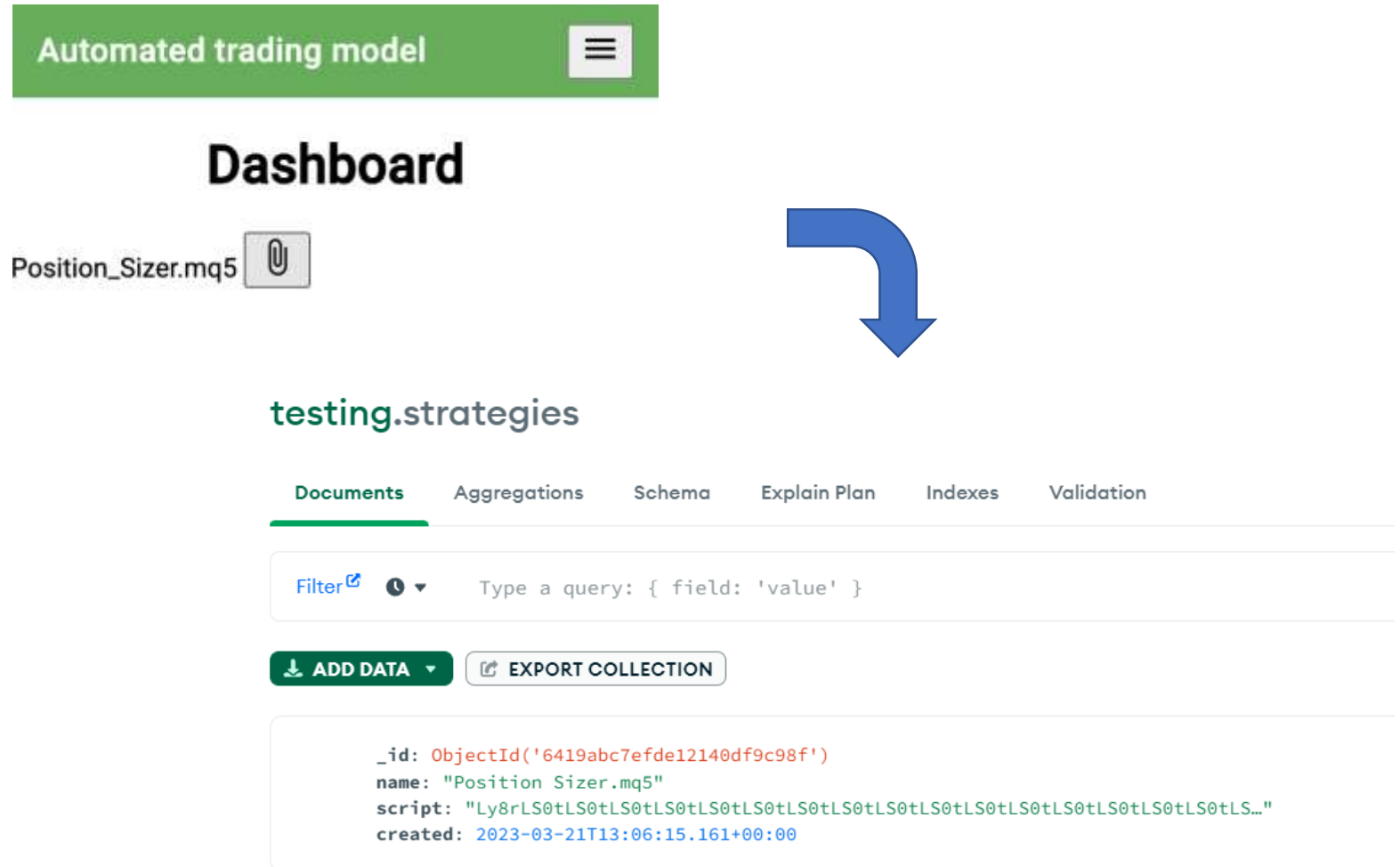


Een ander account gebruiken

Google deelt je naam, e-mailadres, taalvoorkeur en profielfoto met  
[automated-trading-platfo-d783a.firebaseio.com](https://automated-trading-platfo-d783a.firebaseio.com) om door te gaan.

As a trader i want to be able to upload my trading strategies so i can pass them down to the test program

- Importeren ex4/ex5 file
- Opgeslagen in database





# As a trader i want to be able to run a strategy test so i can test strategies

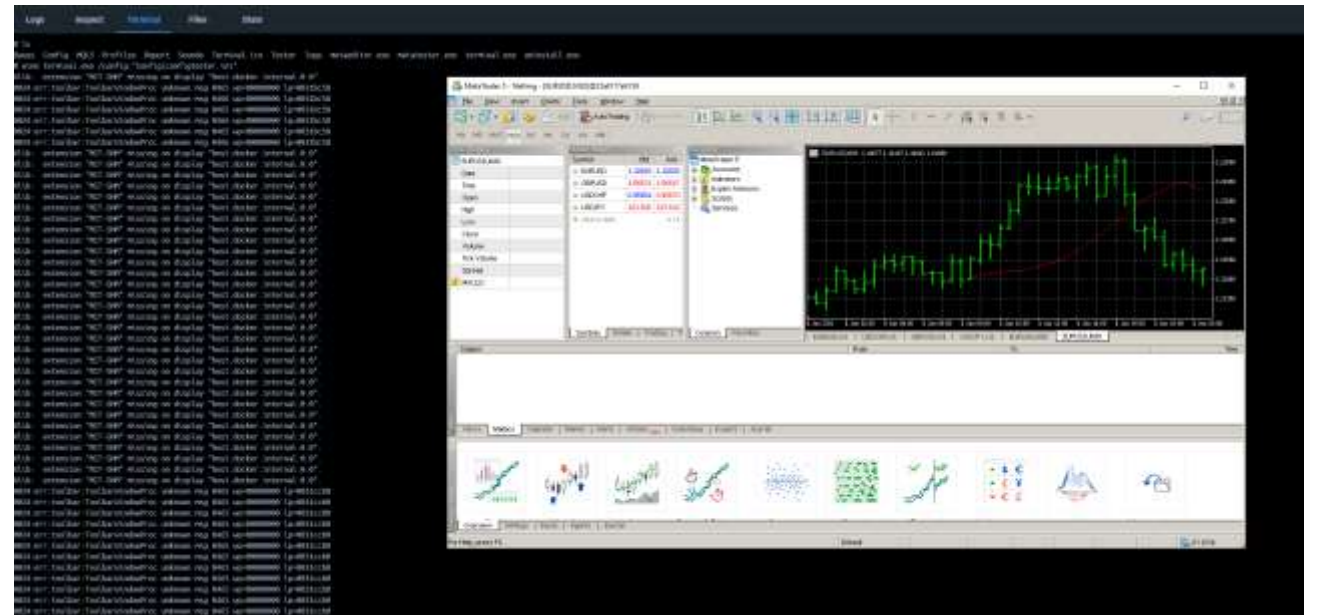
- Run test using only CLI
- Run test with/without GUI

After the setup

Run test!



tester\_report.htm  
tester\_report.png  
tester\_report-holdin...  
tester\_report-hst.png  
tester\_report-mfem...



# Demo

The image shows a web application running on a local machine. The browser window displays the URL `localhost:4200/dashboard`. The application has a green header bar with the text "Automated trading model" and a hamburger menu icon. The main content area is titled "Dashboard" and contains the text "No file uploaded yet." with a paperclip icon for file upload. Below this is a "Run test!" button.

Overlaid on the right side of the browser window is a Windows File Explorer window showing the contents of a folder named "test" on the Local Disk (D:). The folder contains two files:

Name	Date	Type	Size	Tags
config.ini	2/8/2023 11:53 AM	Configuration sett...	2 KB	
newconfig.ini	3/21/2023 4:21 PM	Configuration sett...	1 KB	

The Windows taskbar at the bottom shows the search bar with the text "Type here to search", several application icons, and the system tray displaying the temperature (11°C), location (Grotendeels be...), and date/time (8:13 PM, 3/22/2023).

# Onderzoek



How do we create an infrastructure that can scale with the demand of the software?



Which platform is best for testing trading strategies?



What types of data are we going to handle and how best to store this data?



Which techniques are suitable for messaging between microservices?



Which source is best at providing exchange information



# Groepsonderzoek



What is the optimal way to handle importing/exporting large data in/out of a container?



What is the optimal way of handling MT-accounts when scaling?

# Reflectie



- Goeie standups gehad
- Functionaliteit user stories gemaakt
- Goeie samenwerking
- Iedereen op tijd



- Documentatie schrijven
- Tijdsverdeling research

# Sprint 2 user stories voorstel

- US sprint 1 testing
- As a trader I want to test different variable ranges in my strategies so the system can determine all possible outcomes?
- As the system I want to scale the amount of tests that run so a user can easily run a lot of tests

