**Sprint 3 Presentation**

[Shani speaks]  
[Slide 1] Our goal is to provide an interactive web interface for developing, backtesting, and analyzing FOREX algorithmic trading strategies, with integrated data visualization, anomaly detection, and version control capabilities.

Welcome everyone to our Sprint 3 demo!

[Slide 2] First, let’s meet our team:  
[Everyone speaks their part]  
I’m Shani, and I worked on the frontend styling, added comments to our files, and helped with the presentation.  
I’m Jamie. I worked on anomaly detection, the presentation, and refined our testing.  
I’m Amir. I developed the feature for comparing different versions of backtesting files within the metrics.  
I’m Shalomé. I created the page for anomaly detection and helped with the presentation.  
I’m David. I built the progress tracker page to help you monitor the backtesting process.

[Shalomé speaks]  
[Slide 3] Let’s start by reviewing our agile process!  
Our agile process included four phases: planning, development, testing, and review.

* In the **planning phase**, we gathered and prioritized tasks based on user stories and team input, giving us a clear focus on key deliverables.
* In the **development phase**, we focused on implementing new features like anomaly detection and some UI refinements, while collaborating regularly to ensure steady progress.

[Amir speaks]

* During the **testing phase**, we added more test cases to ensure our program runs smoothly and consistently.
* Finally, in the **review phase**, we presented our work to each other and gathered feedback for continuous improvement.

[David speaks]  
[Slide 4] Based on the feedback from the last sprint, we made several enhancements:

1. **Progress tracking for backtesting processes**  
   We added a progress page to track the duration of backtesting operations. This also acts as an indicator that the program is running, addressing feedback from the last sprint.

[Amir speaks]  
2. **Version comparison for Python files**  
To support strategy optimization, we developed a feature that stores all completed backtests and allows users to compare two different backtest strategies.

[Shani speaks]  
[Slide 5] We also made enhancements based on feedback from the demo:

* We added comprehensive docstrings to every file, improving the readability and maintainability of our code.
* We also redesigned the styling of the buttons above the editor to better fit the overall theme of the page.
* Additionally, we added a dashboard that users see upon opening the webpage. The dashboard introduces the three main pages with short descriptions of each.

These design changes have made the interface more visually appealing and user-friendly.

[Jamie speaks]  
[Slide 6] We also made some improvements based on our team's suggestions:

* **Anomaly detection** has been enhanced to more effectively identify unusual patterns and outliers in trading data. It now has its own webpage, offering users easy access to insights and clearer interpretation of detected anomalies, improving their decision-making.
* We also refined our **test cases** to enhance application reliability, ensuring it functions as expected and helps us catch potential issues early.

[Shani speaks]  
[Slide 7] Thank you for listening to our presentation. Now, let’s move on to the live demonstration!