**Fashion Trend Analysis Dashboard Presentation**

1. **Overview**

* Objectives: to deliver a web-based dashboard for analysing and visualizing fashion trends.
* Business-orientated: A solution for fashion businesses to gather and observe data on fashion trends and predict upcoming trends.

1. **Methodology**

* Tools: Spring Boot, Java, Maven, Lombok, JDBC
* Database and ERD
* Gathering and Implementing Data
* Model, Controller, Dao, Service
* Product/Category/Trend/Designer
* Testing
* Error Handling and Exceptions
* Stretch goals: Spring Security, User Authentication, analysis Entity
* Roadblocks: Scraping 3rd party APIs and websites, User Authentication, Frontend

1. **Project Management and Teamwork**

How we split tasks:

* Tosin proposed the idea and research into i the project. She handled Trend and Designer, Database (schema, ERD, gathering data, data categorisation, implementing data). She also connected the backend to frontend. Ran and created unit tests for Trend and Designer. She also did the JavaScript and got the graph to display data from the backed and implemented Cors Config.
* Mercy handled Product, Category, User Authentication and Security. Ran and created unit tests for Product, Category and User. She also did the POSTMAN testing, documented comments, and implemented the layout of the front-end html file. She also implemented the exceptions and error handling.

How we managed the project:

* Git – Collaborative
* Excel Spreadsheet – Tasks
* Followed time frame – proposed in the project proposal documentation.
* Logo

1. **Conclusions**

Reiterate the purpose and objectives of the application, and say this is what we’ve achieved in the time frame.

Review of Project:

* successful backend, test all successfully ran, successful crud operations.
* What went well: successful backend, great teamwork, great communication
* What we learned: meeting deadlines, its important to know what takes a priority with a tight deadline, you cannot do a full-stack application in a week, proper application testing, paired programming: we made a good time, bounced off eachother work together to achieve a goal and

Future Improvements:

* further enhance website to show functioning of dashboard and graphs, input reviews and interactions where possible (like and comments)
* functionality that automatically scrapes data from recent fashion trend apis
* functionality where once users input data and graph is automatically generated
* being able to implement user login and registration properly
* functionality where users can update data