Enhanced Presentation Script

Slide 1: Fashion Trend Analysis Dashboard

**Presenter 1:**

"Greetings everyone! Today, we're thrilled to unveil the Fashion Trend Analysis Dashboard, a brainchild of team MTee."

**Presenter 2:**

"Our endeavor fuses the dynamism of fashion with the prowess of modern technology."

Slide 2: m.Tee Team

**Presenter 1:**

"We are team m.Tee. Our vision is to redefine how the world views fashion analytics."

Slide 3: Agenda

**Presenter 2:**

"Our presentation journey today will span our project's introduction, the challenges we faced, our methodology, and our aspirations for the future."

Slide 4: Introduction

**Presenter 1:**

"Our dashboard is not just another application. It's a web-based platform that presents in-depth analytics and insights from the biggest Fashion Weeks across the globe."

Slide 5: Objectives

**Presenter 2:**

"Our mission was clear: to create a dashboard that not only informs but also engages. We envisioned a platform where users can explore, interact, and immerse themselves in the world of fashion."

Slide 6: Significance

**Presenter 1:**

"Our dashboard's potential impact is manifold. It's designed to be a catalyst for innovation, offering unparalleled insights into the ever-evolving fashion landscape."

Slide 7: Methodology

**Presenter 2:**

"Our methodology was underpinned by a blend of cutting-edge tools and technologies, ensuring agility and precision."

Slide 8: Technologies

**Presenter 1:**

"From Spring MVC's robustness to Maven's management capabilities, our tech stack was handpicked to deliver excellence."

Slide 9: Database and ERD

**Presenter 2:**

"Our data model is intricate yet efficient, ensuring that users get the most accurate and relevant insights."

Slide 10: Gathering & Implementing Data

**Presenter 1:**

"While sourcing fashion data posed challenges, particularly with legalities and accessibility, we innovatively used mock data to bypass these hurdles without compromising on relevance."

Slide 11: Backend

**Presenter 2:**

"Let's dive deeper into the backbone of our application – the backend."

Slide 12: Spring Boot MVC

**Presenter 1:**

"Our application's entities, from trends to products, owe their streamlined operations to the Spring Boot MVC structure."

Slide 13: User

**Presenter 2:**

"We've prioritized user experience. From a seamless registration process to a tailored dashboard, every user gets a personalized touch."

Slide 14: Exceptions and Error Handling

**Presenter 1:**

"We've meticulously crafted our error handling, ensuring each exception is addressed gracefully, offering users a seamless experience."

Slide 15: Unit Testing

**Presenter 2:**

"Reliability is key. Our comprehensive unit tests, covering a plethora of scenarios, stand testament to our application's robustness."

Slide 16: Stretch Goals

**Presenter 1:**

"Ambition fuels us. We envisioned features like user authentication and an analysis server. While time was a constraint, we see these challenges as stepping stones for future versions."

**Presenter 2:**

"Indeed, our journey had its share of roadblocks. The frontend, in particular, posed challenges. But these hurdles only reinforced our determination."

Slide 17: Front End

**Presenter 2:**

"Our vision for the frontend was ambitious. While we faced challenges in integration and certain functionalities, the lessons learned were invaluable. The journey taught us the importance of adaptability and resilience."

Slide 18: Project Management

**Presenter 1:**

"Collaboration was our strength. With tools like GitHub, our team ensured seamless coordination. Tosin spearheaded the project, focusing on trends and the database, while also bridging the backend and frontend. The division of tasks was strategic, ensuring every team member played to their strengths."

Slide 19: Conclusions

**Presenter 2:**

"Looking back, this project was a roller-coaster. From the highs of successful implementations to the lows of technical challenges, every moment was a learning experience."

**Presenter 1:**

"For future iterations, we envision a more streamlined frontend, enhanced user interactivity, and richer data sources. If this were to transition into a full-fledged application, investing in a dedicated frontend team, expanding the data sourcing avenues, and possibly incorporating AI for predictive analytics are avenues we'd explore."

Slide 20: Thank You & Demo

**Presenter 1:**

"Thank you for joining us on this journey. We now invite you to experience our dashboard firsthand. Let's dive into the application demo."

**Presenter 2:**

"And as we navigate through, we'll also showcase testing our endpoints on Postman, giving you a glimpse of the robustness of our backend."

Postman Demo Script

General Introduction

**Presenter 1:**

"Now, let's dive into the technical core of our application. Using Postman, we'll showcase how our backend responds to different requests, highlighting the robustness and versatility of our system."

CategoryController

**Presenter 2:**

"Starting with the CategoryController:"

"First, let's retrieve a specific category."

Endpoint: GET: /api/categories/{categoryId}

"Now, we'll update this category's details."

Endpoint: PUT: /api/categories/{categoryId}

"For our additional endpoints, let's explore the categories associated with a specific trend and product."

Endpoint: GET: /api/categories/trend/{trendId}

Endpoint: GET: /api/categories/product/{productId}

ProductController

**Presenter 1:**

"Moving on to the ProductController:"

"We'll start by fetching details of a product."

Endpoint: GET: /api/products/{productId}

"Here's how we can update a product's data."

Endpoint: PUT: /api/products/{productId}

"For a deeper dive, let's fetch products by their designer and category."

Endpoint: GET: /api/products/designer/{designerId}

Endpoint: GET: /api/products/category/{categoryId}

AuthController

**Presenter 2:**

"Now, a glimpse into our authentication system with the AuthController:"

"We'll initiate a registration."

Endpoint: POST: /auth/register

"Followed by a login request."

Endpoint: POST: /auth/login

DesignerController

**Presenter 1:**

"Let's explore the DesignerController:"

"Fetching a designer's details is as easy as this."

Endpoint: GET: /api/designers/{id}

"And here's how we can fetch designers based on their location."

Endpoint: GET: /api/designers/location/{location}

TrendController

**Presenter 2:**

"The heart of our application, the TrendController:"

"Let's retrieve a specific trend."

Endpoint: GET: /api/trends/{id}

"We can also explore trends by their associated category and designer."

Endpoint: GET: /api/trends/category/{categoryId}

Endpoint: GET: /api/trends/designer/{designerId}

UserController

**Presenter 1:**

"Lastly, the UserController:"

"We'll initiate a registration for a new user."

Endpoint: POST: /api/register

"Let's fetch the details of a user."

Endpoint: GET: /api/users/{userId}

Conclusion

**Presenter 2:**

"That wraps up our Postman demo. As you've seen, our backend is well-structured and responsive, ready to handle a plethora of requests with efficiency. The endpoints showcased today are just the tip of the iceberg. Our system is capable of much more, and we're continually working to enhance its capabilities."

**Presenter 1:**

"Thank you for joining us on this technical journey. We're now open to questions and feedback."