DBS DIGI-SMART

TechTrek 2022 Group 2

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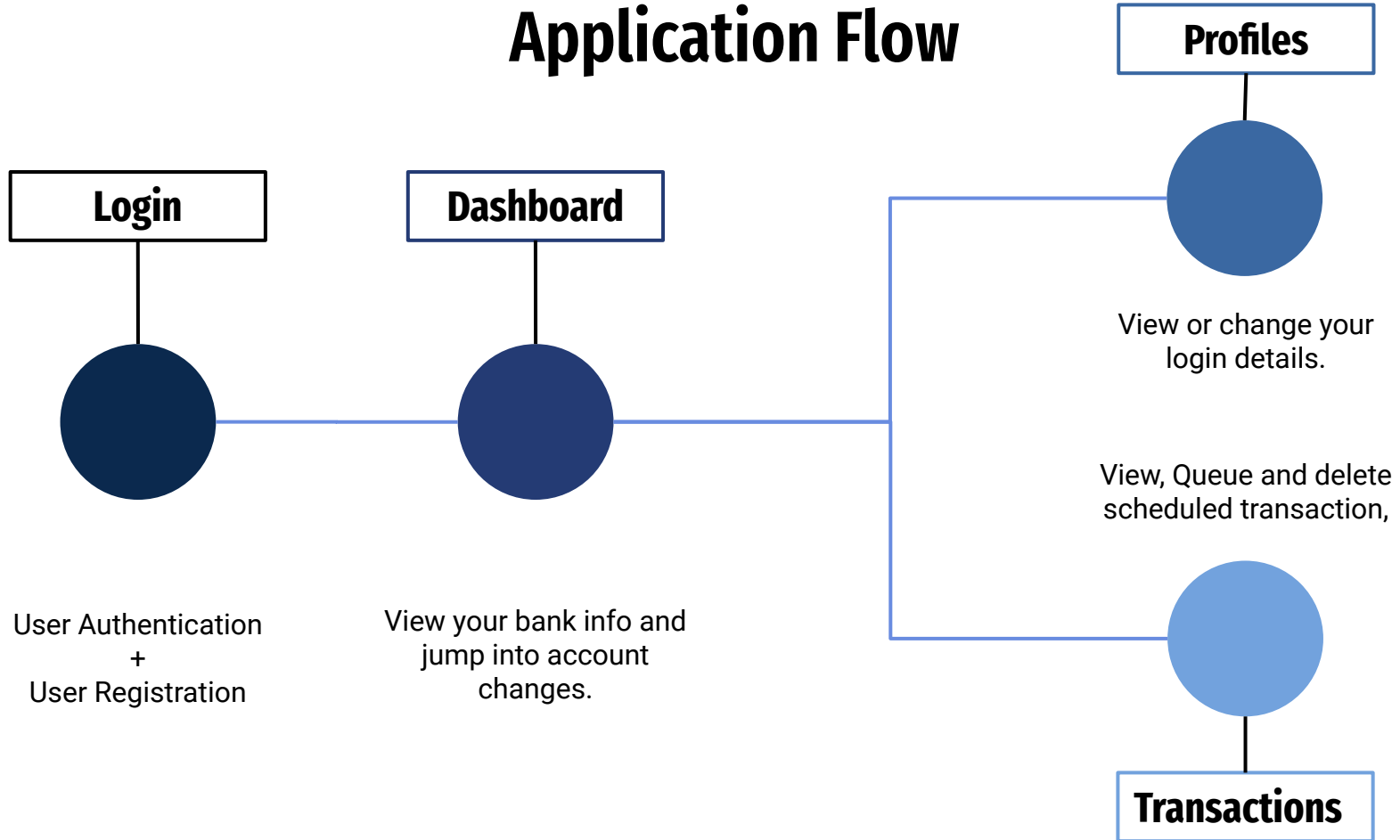
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Elevating our end product

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Our Created WebApp

What we have built

DBS DigiSmart

DBS DigiSmart is a one-stop user-friendly digital banking application that aims to provide users with the most pleasant experience. It is more than a tool for viewing your account balances, transferring money and paying bills. It allows you to apply for new accounts and credit cards instantly and manage your finances, <u>anytime, anywhere</u>

Application Flow

Login

Dashboard

Profiles

View or change your login details.

View, Queue and delete scheduled transaction,

User Authentication
+
User Registration

View your bank info and jump into account changes.

Transactions

2

WebApp Demo

Showcasing our demo

3

Challenges we Faced

What more we could have done

Challenges

Lack of Time

Having difficulties figuring out and learning new things with the limited time

Unable to integrate frontend & background

Requires more skills to integrate reactJS (frontend) to FLASK (backend)

Learning Points

Time Management

Need to better able keep to timeline, including the time frontend and backend come together to ensure congruence and figure things out

More practice with integration of frontend & backend

Requires more skills to integrate reactJS (frontend) to FLASK (backend)

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Desired WebApp

Elevating our end product

4 Pillars of Improvement

Cost — How we can reduce cost for customers and company?

Customer Experience — How can we create a more positive whole customer experience?

Internal Procedure — How can we simplify internal procedures?

Growth & Improvement — How can we think outside the box and create a more innovative solution?

Areas for Future Work

Cost	Customers	Internal Procedures	Growth & Innovation
Streamline procedures used when calling the Database for authentication and referencing purposes. Develop more efficient methods to prevent large joins or references to save time and cost.	Developing features based around more in-depth customer statistics. Leverage team's greater experience with Data Science/Machine Learning technologies. Use Machine Learning to recommend various RMs to customers.	Develop more classification systems for customers using their banking statistics to streamline and deliver targeted financial services for customers of varying socio-economic status and backgrounds.	Create a new, intuitive and innovative User Interface, where users are able to easily absorb the most information in the least amount of time Building upon lacklustre or barebones features in order to draw in more users amongst customers.

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THE END

Thank you for organising
this wonderful Hackathon!