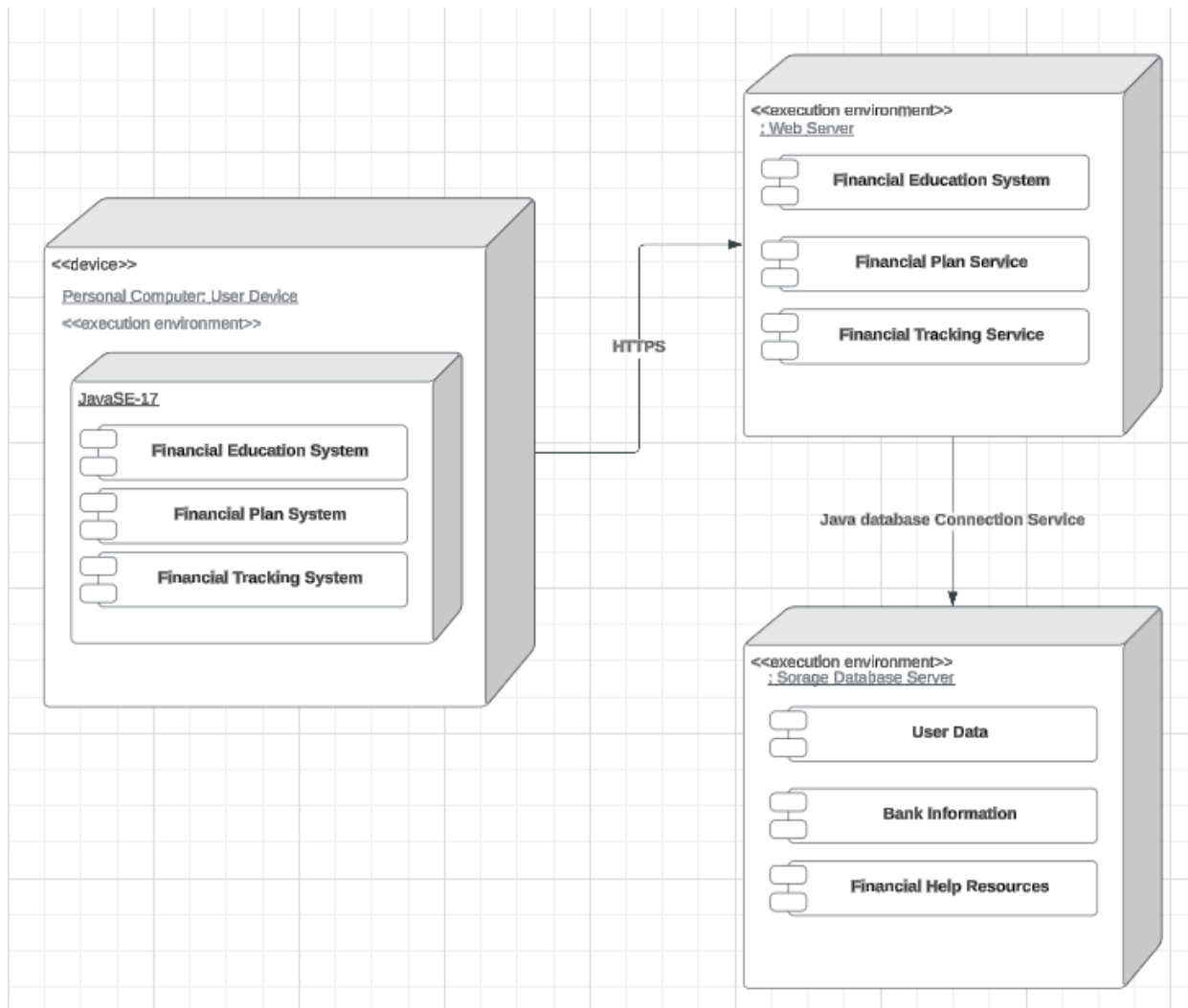# Deployment Diagram

Product Backlog

User Account Creation: As a user, I want to create a personal account, so that I can store my sensitive bank information, transaction data, and other financial information.
Financial Planning: As a user, I want to see different financial plans based on my income level (plans for saving, spending, retirement, debt etc.).
Transaction Breakdown: As a user, I want to see a detailed history of my spending habits over different time periods (weeks, months, years).
Education Tools: As a user, I want to increase my financial literacy by having adequate financial resources available to me through the system. I also want these resources to be updated weekly, so I can stay up to date on how to control my money.
Customer Support: As a user, I want to have access to customer support: who not only help with using the system, but also are able to pair me with a financial advisor.

Calendar: As a user, I want to have a calendar that automatically inputs dates for any bills, subscriptions, tax deadlines, etc. that I have.

<u>Scrum Description</u>

04/19: Project Kickoff
- Roles:
    - SCRUM Master/Developer: Owen (Java)
    - Project Manager/Developer: Rohan (Java)
    - Developer: Philemon (Java)
    - Developer: Kiwi (Java)
- We discussed the plan for the project including our different roles and assignments. We met in person and were able to get a good idea of how to get started. We created a GitHub so we can all contribute in one place.

04/19: Sprint 0
- Roles:
    - SCRUM Master/Developer: Owen (Java)
    - Project Manager/Developer: Rohan (Java)
    - Developer: Philemon (Java)
    - Developer: Kiwi (Java)
- Our sprints will be 2-4 days. We will have a daily Scrum on the second day of the sprint to get an idea of how everybody is progressing. Product backlog was created and team members were ready to get started on their work!

4/19: Sprint 1 Planning Meeting
- Owen will be working on the user account creation and storage of that data.
- Kiwi will be working on implementing the UI, and spending breakdown for Spendr.
- Philemon will be working on the spending breakdown portion of Spendr.
- Rohan will be working on the spending plans portion of Spendr.
- We decided that we would work on a few of the main features of our app: tracking spending and expenses, as well as different plans for the future. We also thought it would be good to get an idea of how the UI will look in the finished product, so we talked about that as well.

04/20: Sprint 1
- Roles:
    - SCRUM Master/Developer: Owen (Java)
    - Project Manager/Developer: Rohan (Java)

- ○ Developer: Philemon (Java)
- ○ Developer: Kiwi (Java)
- ● 4/21: Daily Standup
  - ○ Everyone has started to plan their portion.
  - ○ Owen has set up the basic user login in the console, and plans to implement it into the UI after the meeting.
  - ○ Rohan has begun calculations on how each budgeting plan should break up the user's income level. He had a question about the difference between the savings plan and the debt plan, and decided the debt plan should allow for no excess spending at all. Rohan plans to implement his section into the console.
  - ○ Kiwi has been working on a UI design that will be simple but easy to implement. Kiwi plans to help everyone integrate their components into the UI.
  - ○ Philemon has been working on a transaction breakdown that will display an example of users' transaction history.
- ● 4/22: Sprint 1 Review Meeting
  - ○ With sprint 1 concluding, we thought we had done a good job of planning everything out and now we needed to fully implement our features. This meant adding a GUI to the user login feature, finishing up the transaction breakdown, and implementing the budgeting plan with a GUI.

04/22: Sprint 2 Planning Meeting
- ● For sprint 2 we will continue to work on our parts. Kiwi and Philemon will work on implementing the UI into all the parts of the system. Owen will finish implementing the UI into the user login. Rohan will implement the budgeting plans, and make the UI for these budget plans.

04/22: Sprint 2
- ● Roles:
  - ○ SCRUM Master/Developer: Owen (Java)
  - ○ Project Manager/Developer: Rohan (Java)
  - ○ Developer: Philemon (Java)
  - ○ Developer: Kiwi (Java)
- ● 4/24: Daily Standup
  - ○ Everyone has finished the basic implementation of their code, and is working on some bugs and the implementation into the GUI.
  - ○ Owen was struggling to find a way to hide the user's password when typing it, but was able to figure it out using the Java Swing PasswordField. He also finished the deployment diagram.

- ○ Rohan has finished the implementation of all 4 budgeting plans and has organized them into a GUI where the user can input their monthly income and will be given a breakdown of how to spend their money depending on their plan. He also made a JUnit test for the retirement budget plan.
  - ○ Kiwi helped implement the GUI for all parts.
  - ○ Philemon completed the transaction display for a users spending breakdown.
- ● 4/25: Sprint 2 Review Meeting
  - ○ With sprint 2 closing that finishes our final project. We were able to implement everything we wanted to at Project Kickoff. There were some difficulties and questions we had to sort out, but we worked through them as a team and nobody was left struggling alone. We are all happy with the result and while the daily scrums were a little annoying, it helped us stay organized and in the loop of what everyone was working on.