**Homework Pattern Summary**

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| **✅ Part** | **Description** | **Design Pattern Used** | **Notes** |
| **Part 1** | Banks offering their own versions of Checking and Savings accounts | **Abstract Factory Pattern** | AccountFactory is the abstract factory; BOAFactory / ChaseFactory are concrete factories. |
| **Part 2** | Different banks customize the UI using the same sequence of steps | **Template Method Pattern** | BankUI is the template class; BOAUI / ChaseUI provide the concrete implementations. |
| **Part 3 – Version 1** | Customers (Standard, Preferred, Business) created using one central factory | **Simple Factory Pattern** | SimpleCustomerFactory is the central factory; CustomerManager uses it. |
| **Part 3 – Version 2** | A creator class (CustomerStore) uses a factory method to create customers | **Factory Method Pattern** | CustomerStore is the abstract creator; BankCustomerStore overrides createCustomer() |

Part 1

A diagram of a company

AI-generated content may be incorrect.

Part 2

A diagram of a bank

AI-generated content may be incorrect.

Part 3 A

A diagram of a customer factory

AI-generated content may be incorrect.

Part 3 B

A diagram of a customer

AI-generated content may be incorrect.