Ming Wang   [Section 01]

cmp Software Architecture

ClientUX

<<manifest>>

<<use>>

<<artifact>>
bank.js

ICustomer

<<interface>>
IAccount

<<use>>

Customers

<<manifest>>

<<artifact>>
bank.jar

<<manifest>>

Accounts

<<use>>

<<use>>

<<interface>>
IStorage

Storage

<<manifest>>

<<artifact>>
bStorage.exe

---

pkg System Architecture

Middle-Tier Server [Linux/Apache Tomcat]

Apache Tomcat

<<artifact>>
bank.jar

Storage Server [Windows Server OS]

<<<<SCRAM-SHA-256>>>>

1

.NET Framework

<<artifact>>
bStorage.exe

1

1

<<http>>

1..*

Client Computers [ChromeOS]

Chrome Browser

<<artifact>>
bank.js

1..*   <<sockets>>

1

Java Runtime Environment (JRE)

<<artifact>>
bank.jar

pkg Deployment Instances

Deployment Location: Virden, MB

This represents one of the 12 Google Pixelbooks used as client computers.

Pixel01 : Client Computers [ChromeOS]

Venus : Storage Server [Windows Server OS]

: .NET Framework

<<artifact>>
bStorage.exe

Mercury : Middle–Tier Server [Ubuntu]

: Apache Tomcat

: Java Runtime Environment (JRE)

<<artifact>>
bank.jar