**JB REVATURE PROJECT 1 SUMMARY:**

**🗹1. Ability to log into the application**

🗹Username and password input

**🗹2. Ability to register a new account**

* **🗹**Must ensure the username is not already registered(SQL – Unique Constraint)
* 🗹Default employee role (SQL DEFAULT TITLE COLUMN)

**🗹3. Employees can submit reimbursement ticket** (Java, POSTMAN)

🗹Must have an amount

🗹Must have a description

**🗹4. Managers can process tickets submitted by employees**

🗹Tickets can be Approved or Denied(JAVA,POSTMAN Table Update)

Tickets cannot change status after processing

**🗹5. Employees can view previous submissions**

Can filter by Pending, Approved, or Denied status

**TECHNOLOGIES UTILIZED-**

* + JAVA: Java Database Connectivity (JDBC) API
  + Github: Storage and version control
  + Apache Tomcat: Web App Server
  + Java: Servlet API
  + Maven: XML and POM
  + DBeaver: SQL client software app and database admin tool
  + PostgreSQL: relational database management system
* **architecture diagram-**

**Diagram

Description automatically generated**

**ER DIAGRAM**

**Table

Description automatically generated with medium confidence**

* **list of features Implemented-**
* Ability to log into the application
* Username and password input
* Ability to register a new account
* Employees can submit reimbursement ticket
* Managers can process tickets submitted by employees
* Tickets can be Approved or Denied(JAVA,POSTMAN Table Update)
* Employees can view previous submissions
* **outstanding defects/issues-**
  + Inconsistent connectivity with POSTMAN and Database (Post/register gives status 200 ok but does not show up on database
  + Updates Tickets feature currently broken
* **challenges faced-**

Time management- due to lots of bugs I greatly underestimated how long my project would take to complete