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DATABASE SCHEMA FOR WALLET SYSTEM

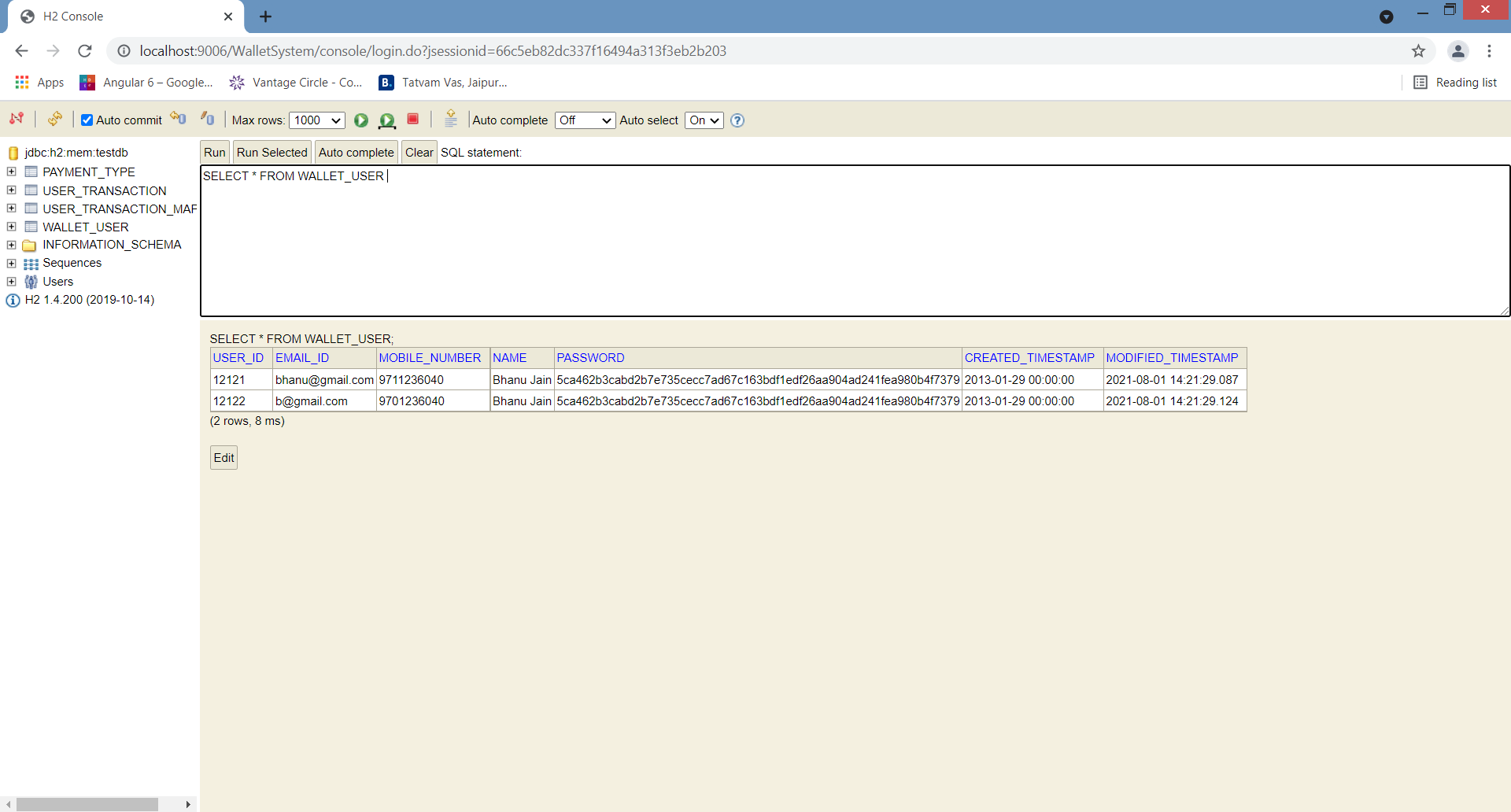
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Note: The SQL script present in the resources folder in the application is responsible for creation of the below tables in the database. It also contains statements to add sample entries to be added in database.

Spring boot’s embedded H2-Database is used for testing.

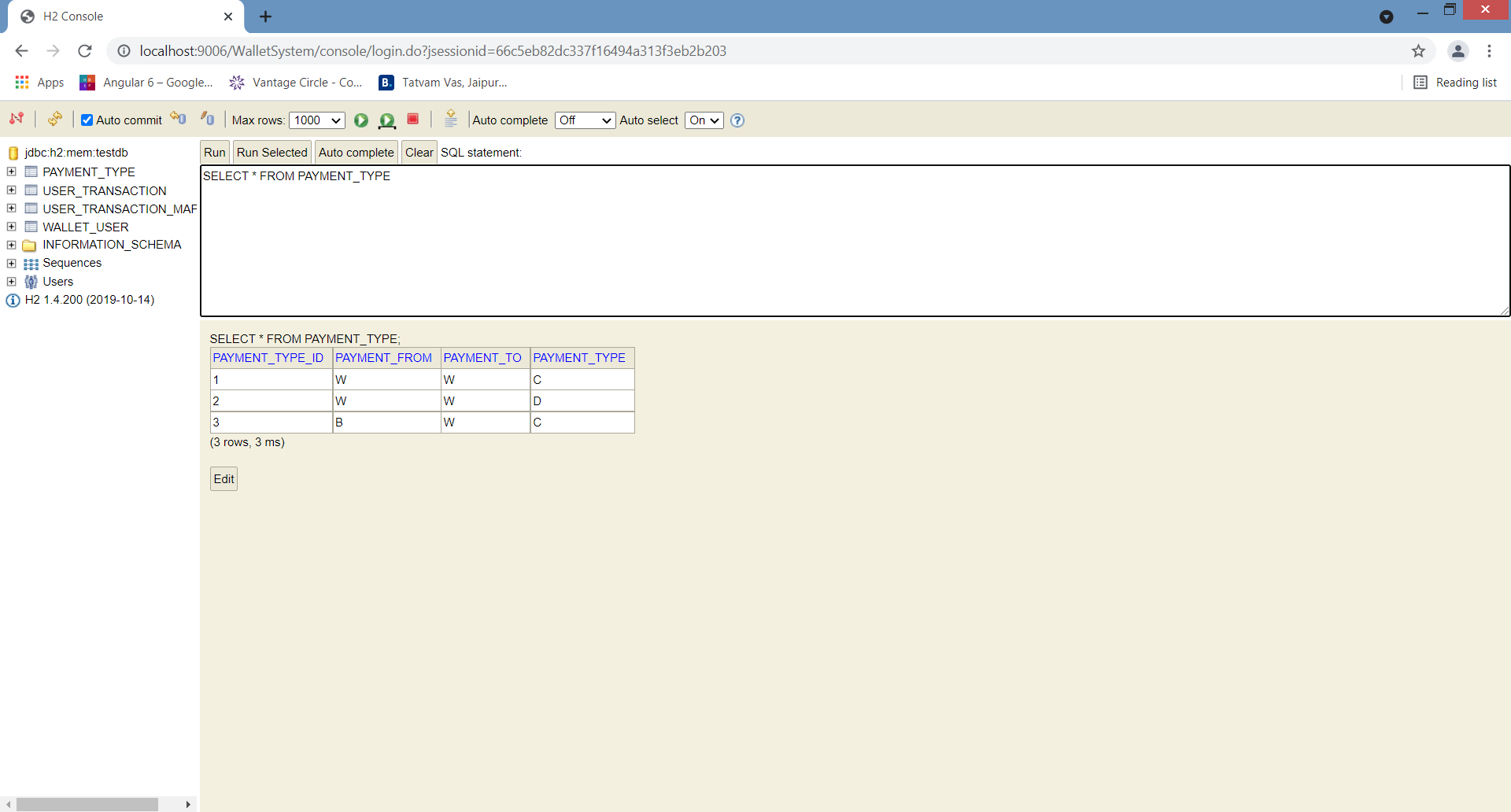
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TABLE WALLET\_USER -> To store all the users registered on wallet system. This table has one to many mapping with the USER\_TRANSACTION table.



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TABLE PAYMENT\_TYPE -> To hold all the possible payment types possible on current wallet System. This table has a one to one mapping with the USER\_TRANSACTION table.



1. C denotes CREDIT, D denoted DEBIT
2. W denoted WALLET, B denoted BANK

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TABLE USER\_TRANSACTION -> To hold all the user transactions made by different users in wallet system.

This table has many to one mapping with the WALLET\_USER table and one to one mapping with the PAYMENT\_TYPE table.

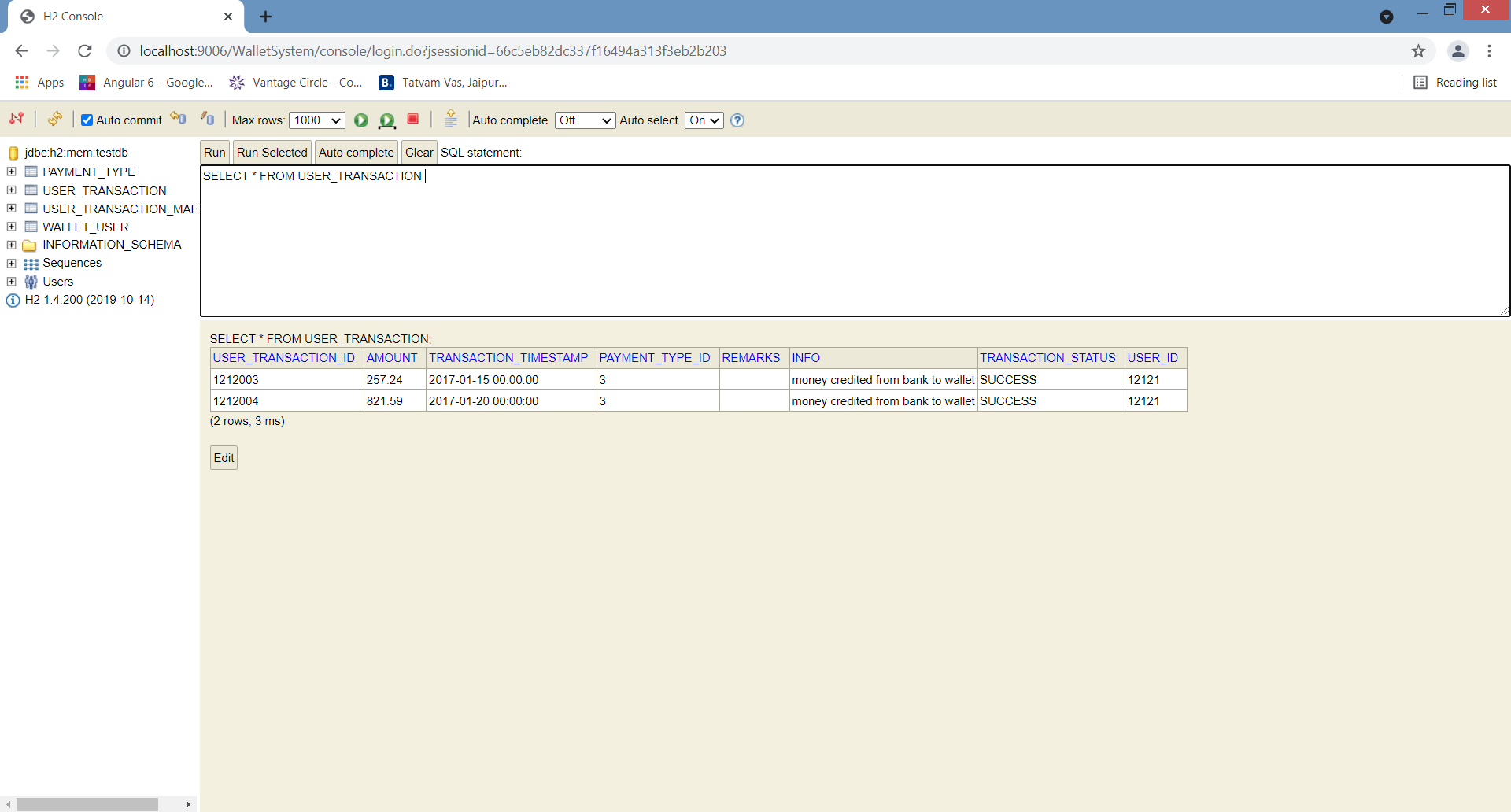


TABLE USER\_TRANSACTION\_MAPPING -> To map the users and their transactions together. This tabl;e has a composite primary key combined from USER\_ID(primary key of WALLET\_USER table) and USER\_TRANSACTION\_ID(primary key of USER\_TRANSACTION table).

