

Design Document

Spartan Auction

10/31/2024

Version 1

Annica McLean, David

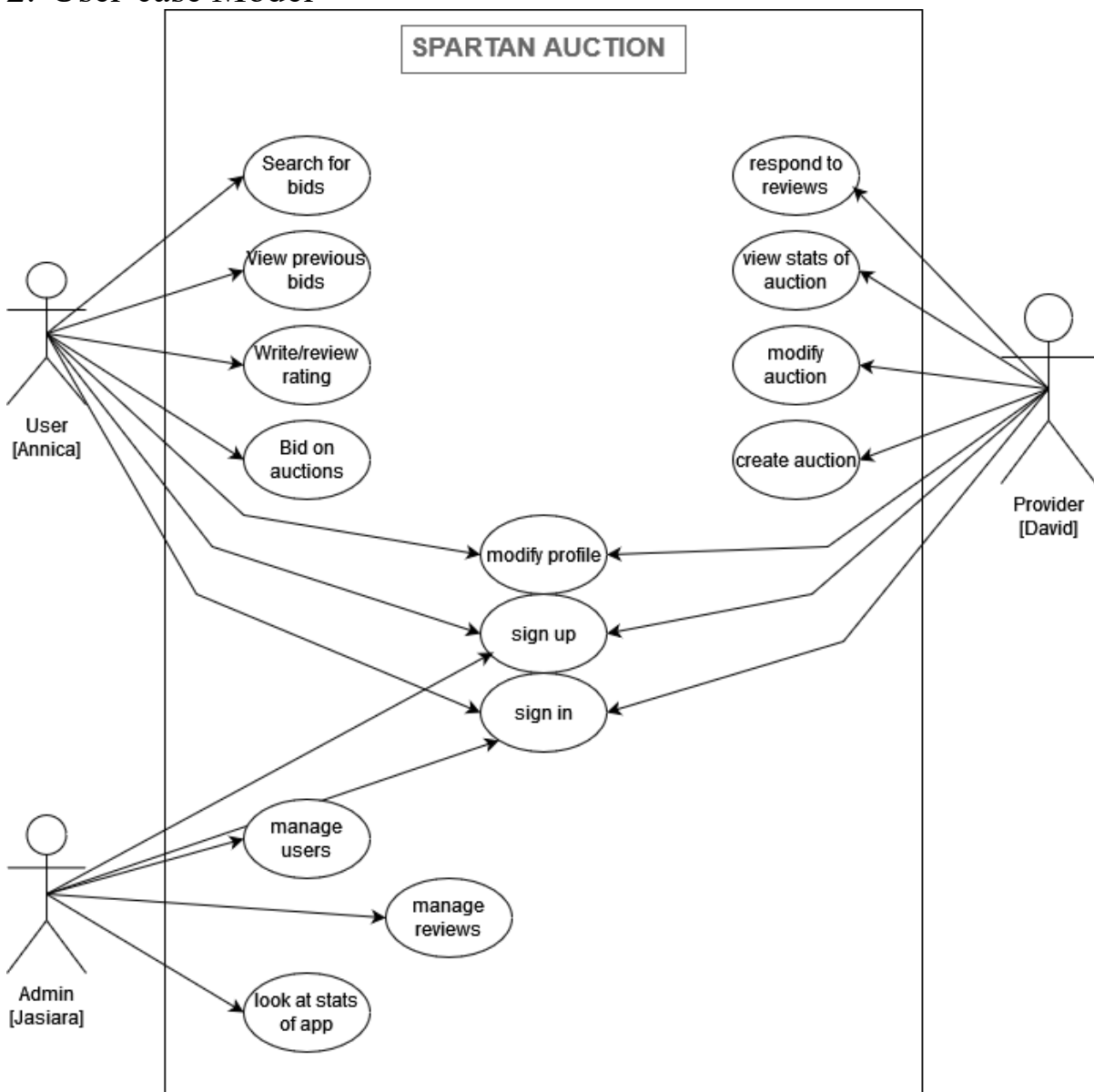
Williams, and Jasiara

Mayes

1. Project Overview

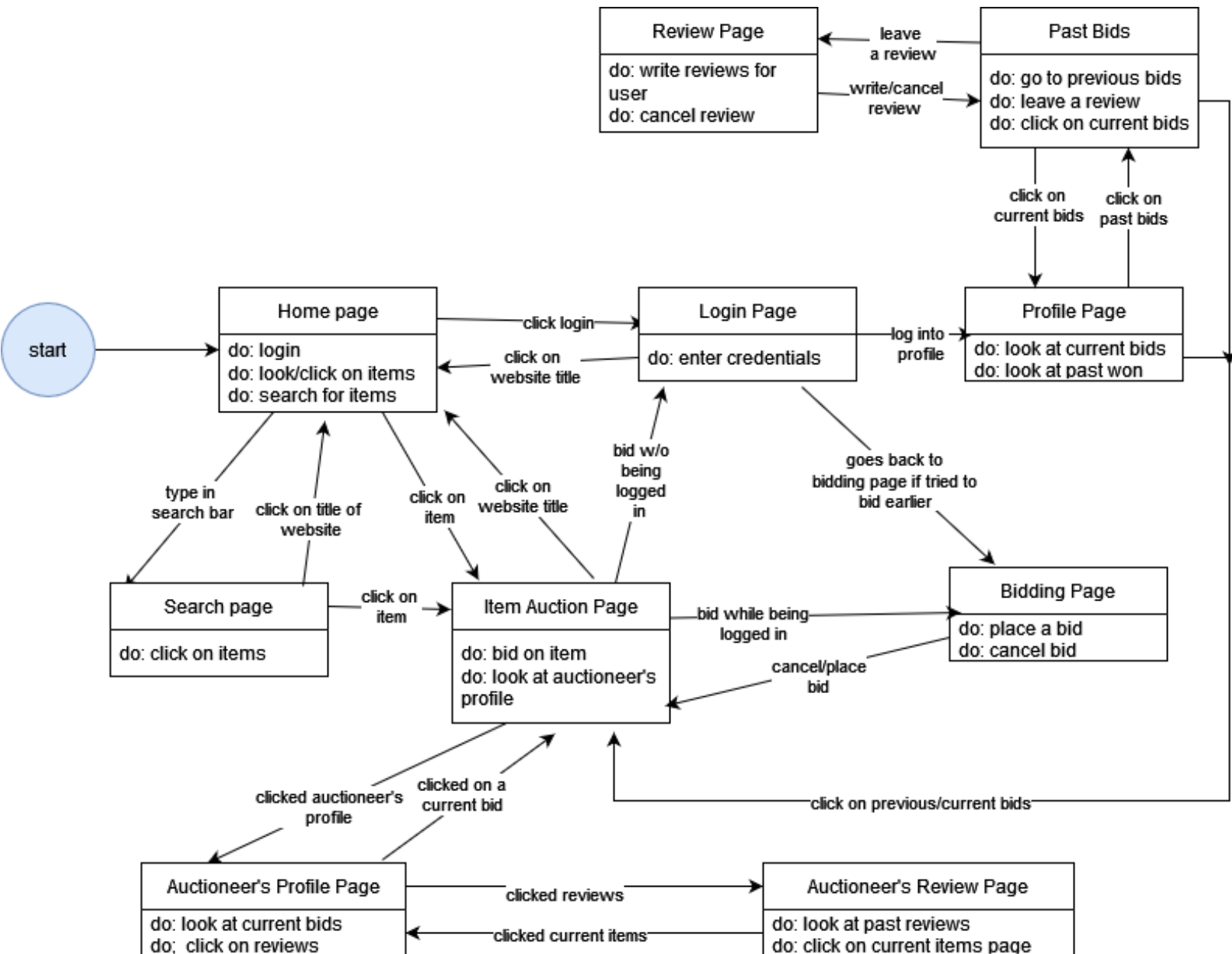
The goal of Spartan Auction is to help give users a new platform that allows them to auction off their items and even bid/buy for items they want. Providers can create auctions that bring many users to try their best to bid and win their items. Users can search and bid/purchase any items that are available to them. Users can even bid/buy items that aren't even close to their location, giving them a wider selection. Admins are responsible for moderation across users, reviews/comments, and even auctions.

2. User-case Model

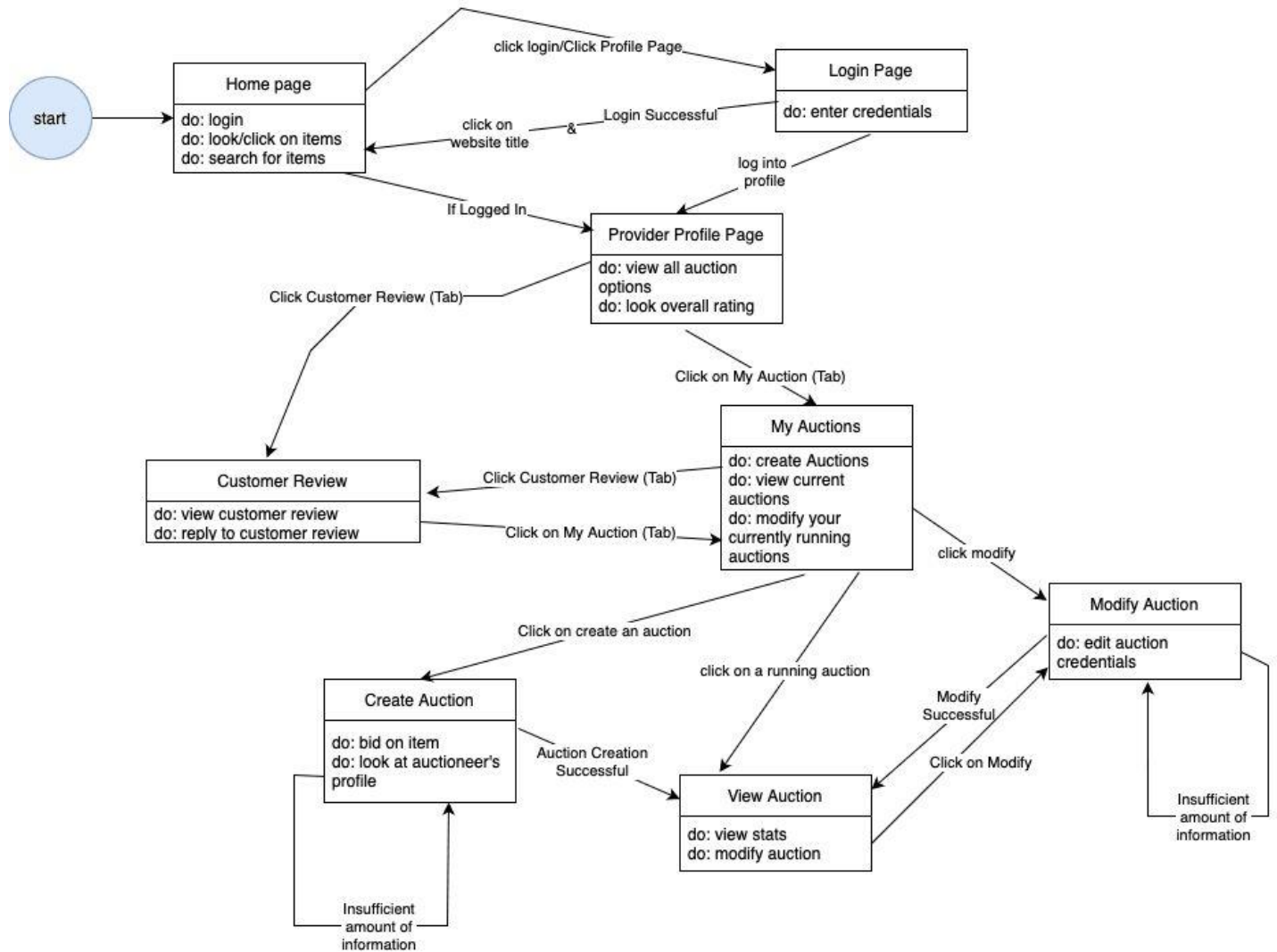


3. State Machine Diagrams

a. User – Annica McLean

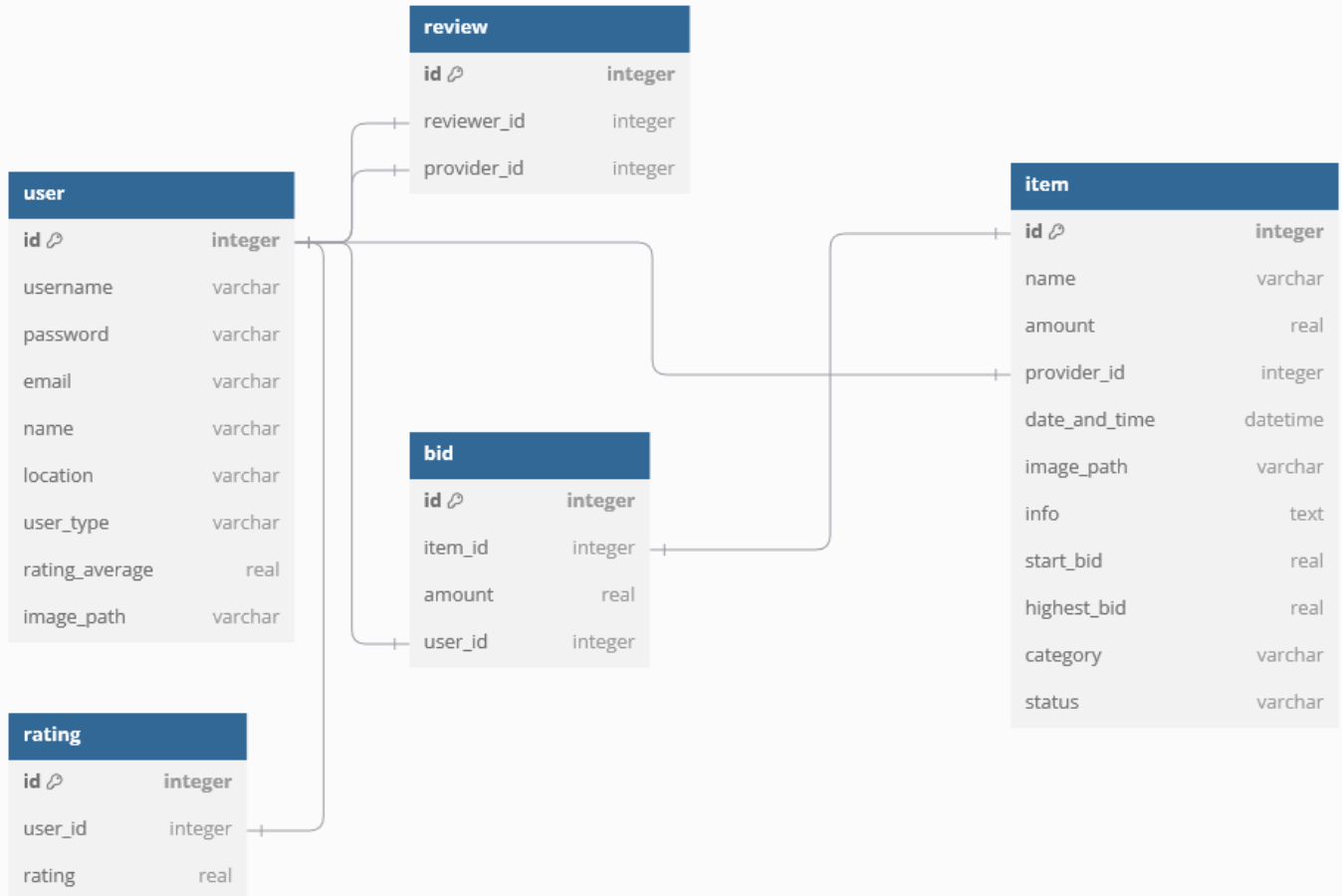


b. Provider – David Williams



c. Administrator – Jasiara Mayes

4. Database Scheme



5. Software Structure

