## Title: Adding a New Business Entry to the Database



As a database administrator,

I want to accurately and efficiently introduce new business entries into our existing database,

**So that** the database remains up-to-date, reliable, and useful for our clients and stakeholders.

## **✓** Acceptance Criteria:

- 1. **Preprocessing:** When I receive a new business entry, I can standardize and clean its data to match the format of our existing database entries.
- 2. **Matching:** I can check the new entry against our existing database to identify if it's a unique new entry or a duplicate, using both unique identifiers and fuzzy matching techniques.
- 3. **Validation:** I can validate the new entry's information against external authoritative sources like the Secretary of State's database and Google Places API to ensure its accuracy.
- 4. **Integration:** If the new entry is unique and validated, I can integrate it into our database. If it's a duplicate, I can choose to update the existing record, merge the information, or discard the new entry, as appropriate.

Adding a New Business Entry to the Database User Inputs Record Record gets normalized Record is checked for similarity across database User decides what to do with the Are similar records found? Display Simila Records Validate Exit Record? records Record is Validated User can add the record to the Is the Record through SoS and Google API Valid? database User doesn't add the record to the database