**Prompt 2: Building a Data Model of Chromatic**

**We have multiple companies that use Chromatic to perform visual regression testing and we use GraphQL to power our API. As the companies use Chromatic, they create projects in which they generate multiple builds, which each are related to ancestor build(s) and a commit. For each build, it can have any number of tests. Your task is to create a multi-tenant data model that shows relationships between builds and commits. You could present this to us using a GraphQL Schema or an Entity Relationship Diagram.**

**Solution:**

**Entities:**

* **Chromatic:** Parent organization
* **Organization:** Represents a company using Chromatic.
* **User:** Represents a user within an organization.
* **Project:** Represents a project within an organization.
* **Build:** Represents a specific build of a project.
* **Commit:** Represents a git commit related to a build.
* **Test:** Represents a test associated with a build.

**Relationships:**

* **Organization - User: One-to-many relationship.** An organization can have multiple users.
* **Organization - Project: One-to-many relationship.** An organization can have multiple projects.
* **Project - Build: One-to-many relationship.** A project can have multiple builds.
* **Build - Commit: Many-to-one relationship.** A build can be related to one commit, but a commit can be related to multiple builds (since it can be the ancestor of multiple builds).
* **Build - Test: One-to-many relationship.** A build can have multiple tests.

