

# Spring Boot Proposal for Final Project

## Proposal:

### **Title:**

Orchid  
Society



### Executive Summary:

Did you know that there are Orchid Societies in the United States?

Orchids are one of the world's oldest flowering plants and variations of the plant can be found in almost all parts of the world. Boasting colorful blooms and being one of the most diverse flowers, it's no wonder that they're popular enough to garner a fan club – or put more elegantly, "societies".

Here is where my project comes in – I am aiming to create a project that is designed to assist with recording the Orchid Societies in the United States.

The objective of this project is to create an app that records the members, the variations of Orchid(s) that they raise, and which Orchid Society the member belongs to.

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## Initial Features:

### Entities (at least three):

- Members
- Orchids
- Society

### Performable CRUD Operations:

**C:** Create members, their orchids, and the society they belong to

- All CRUD operations may be performed with the Society entity
- At this time, members and orchids can only be entered/created

**R:** Able to pull info of all the members and the orchid they are raising depending on the society they belong to

**U:** Allow for continuous updating of societies so that societies can be updated.

- At this time, members and orchids can't be updated

**D:** Allow for the deletion of societies

- At this time, members and orchids can't be deleted

### Relationships:

**One-to-Many:** An orchid society can have many members, but members (usually) belong to (only) one society.

**Many-to-Many:** Orchid types are associated with many members; members can have multiple orchid types.