

Problem Definition

- 1. Review the list of requirements in the project description document. Are any of them unclear? Are any of them infeasible? Try to rank them in terms of must have, nice to have, and blue sky.**

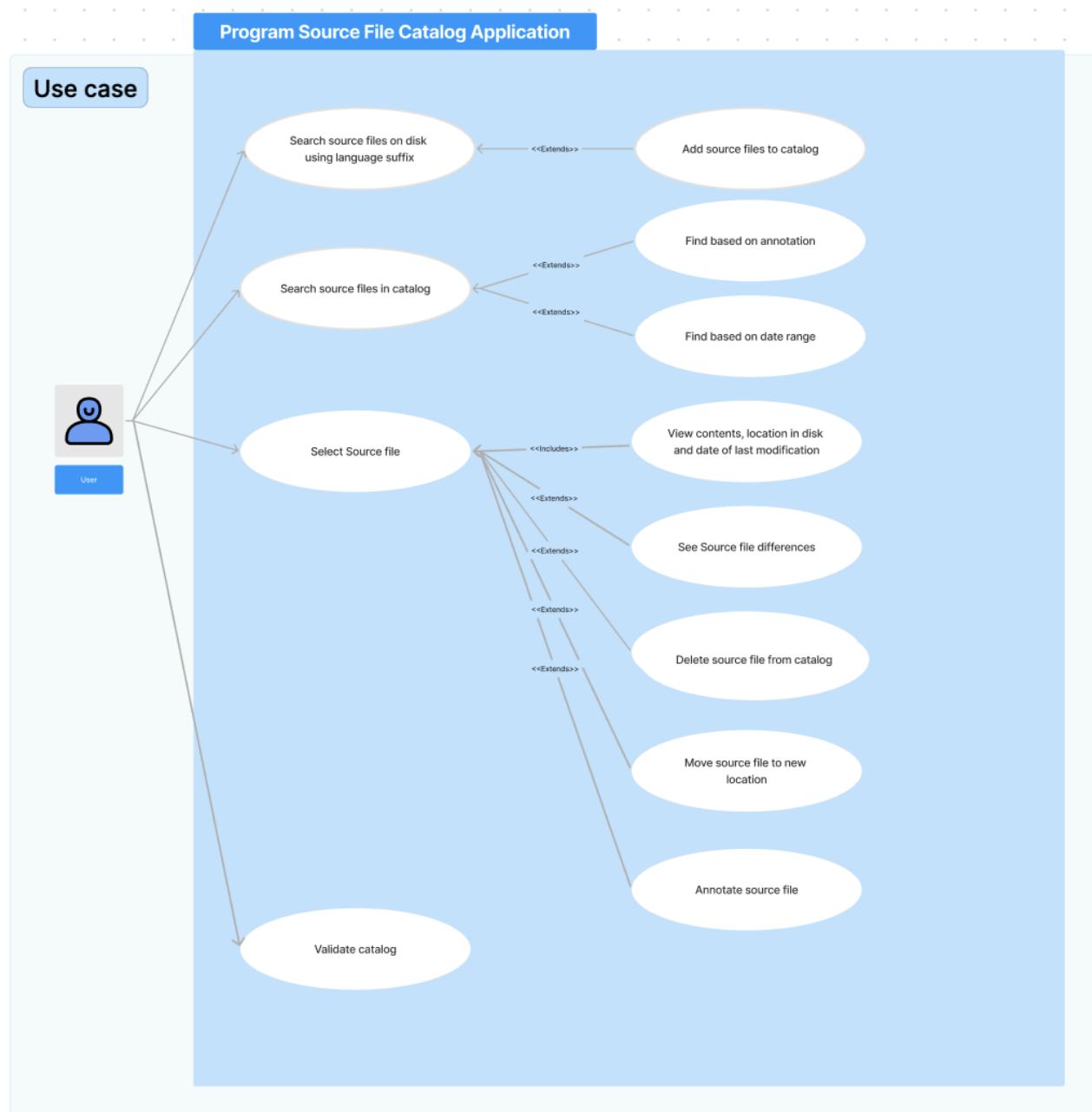
Task Requirements

- Find source files on disk based on language suffix (.c, .py, .java etc.), wildcard name match. **Must have** ▾
- View contents of selected source file, along with its location on disk, date of last modification. **Should have** ▾
- Annotate source file (and add to catalog): Add a description and tags. **Nice to have** ▾
 - Annotations are short descriptions that the user can write and attach to a source file
- Compare source files (diff) **Should have** ▾
 - Source file differences are highlighted and show
 - Ref: conflict resolution screen in git
- Delete a source file from the catalog. **Must have** ▾
- Move a source file to a new location and update its location attribute **Must have** ▾
- Find source files in catalog based on annotation, date range **Should have** ▾
- Validate catalog: After a source file has been added to the catalog, the original file might be modified, deleted or moved to a different location on the disk. This option will use the catalog information to check current disk contents and identify any changes. **Should have** ▾
 - Button activated function

- 2. Discuss your requirements with your stakeholder (Dr. Sally) to see if she agrees with your revisions.**

As we didn't make any major revisions and only asked for clarifications. We can safely assume that dr.Sally agrees with her own clarifications.

3. Create a use case diagram for your program. Follow the standards as discussed in class.



4. Create a use case narrative for ONE use case in your project.

Use case Name: Search source files in catalog

Actor: User

Goal: Find a source file in the catalog

Preconditions: None

Main success scenario:

1. User chooses a search type between annotations and date range
2. System brings up the corresponding input window to the search type
3. User inputs the appropriate data of the file they were looking for
4. System shows any matches in the catalog

Exception: Source file being searched is not found in catalog