

1 Object Analysis Model

Boundary Object	Attributes & Associations	Definition
Client		The main user of the program. Researcher is a person who invokes the manageStudy use case.
SystematicReviewClient		Part of the client that is apart of the system, but is out of our scope.
StudyConfigurationUI		A user interface where a user can create or manage a study configuration.
StudySearchUI		A component which facilitates the search in studies based on keywords.
StudyErrorUI		A pop up window detailing critical errors. e.g. the user credentials are wrong.

Table 1: Boundaries

Entity Object	Attributes & Associations	Definition
Researcher	Privileges, Role, Tasks, Planses, Groups, Login Credentials	Researcher is a person who invokes the manageStudy use case.
Study	Tags, initiator, collaborators, timespan	A study is a systematic research report.
Task		A task is comprised of several subtasks assigned through roles. E.g. a "validator" may have a task comparing papers that do not match. where a set of studies is analyzed by e.g. a validator.
Request	SearchKeywords, inclusion/exclusion criteria, owner,	The request represents the research question in a study and is defined by its keywords.
Protocol		Rules that determine how the client works on data.

Table 2: Entities

Control Object	Attributes & Associations	Definition
Researcher		The main user of the program. Researcher is a person who invokes the manageStudy use case.
SystematicReviewClient		Part of the client that is apart of the sytem, but is out of our scope.
StudyConfigurationUI		Is a user interface where a user can create or manage a study configuration

Table 3: Controls