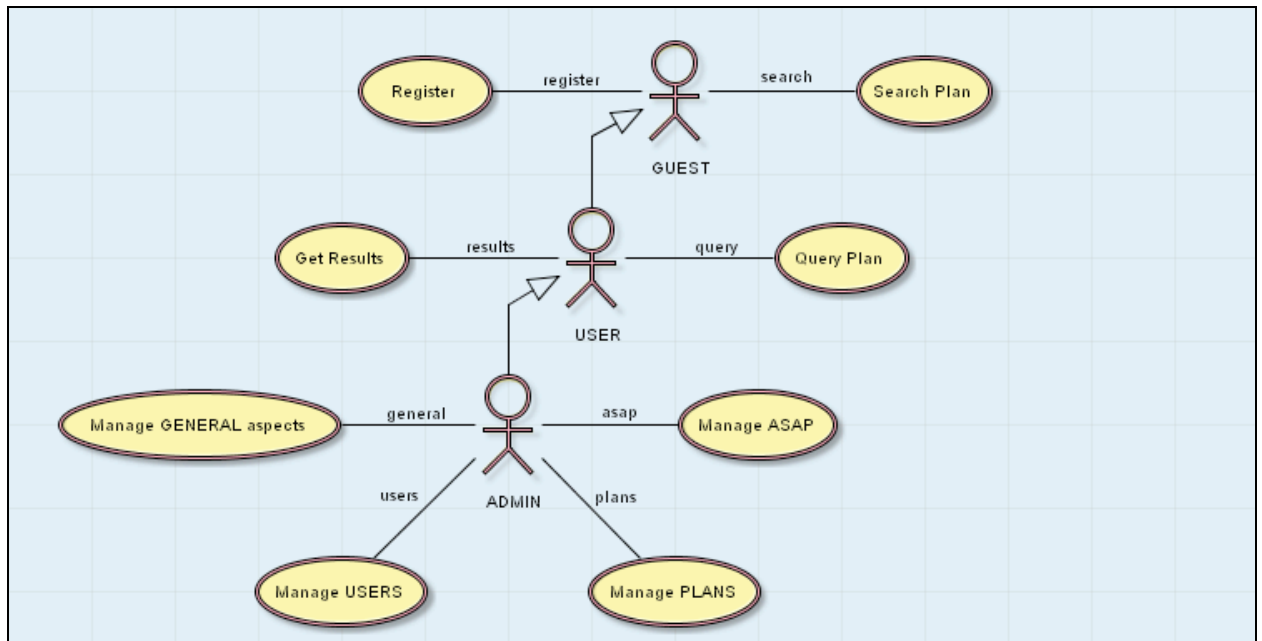


Use Cases for ASAP System

(more detailed Use Cases are at the part II of the document)

PART I



Actors

GUEST – anonymous (who didn't log in) user of the system. GUEST has limited access to the system

USER – the main user of the system, who logged in. USER can do anything that GUEST can.

ADMIN – administrator of the system – USER that has special rights to administrate.

Use Cases

Register

The use case allows GUEST to register in the system, so GUEST could log in to the system to become a USER.

Pre-conditions:

System is installed and active.

Main Flow:

This use case begins when user connected to the system through web interface and goes to the registration web-page.

The user can:

- a) Specify necessary registration parameters (username, password and others)
- b) Submit the specified parameters
- c) Correct the input in case of error
- d) Login to the system with submitted username and password

Use case:

- a) Checks input information from user
- b) In case of proper input record the user in database and allow him/her to log in
- c) In case of improper input report to the user about errors, so the user could correct the input.

Search Plan

The use case allows user to search the system for annotation plan of interest.

Pre-conditions:

System is installed and active.

Main Flow:

This use case begins when user went to the plans web-page.

The user can:

- a) Specify search parameters
- b) Receive search results
- c) Respecify search parameters

Use case:

- a) Checks plans the satisfy the search parameters
- b) Show plans

Query Plan

The use case allows user to query annotation plan of interest to receive some annotations.

Pre-conditions:

System is installed and active. Plan of interest is installed.

Main Flow:

This use case begins when user specifies plan to query (output from **Search Plan** use case).

The user can:

- a) Specify input parameters, defined by format of the plan
- b) Receive job number of the query user submitted if the input was correct
- c) Correct input parameters if input was incorrect

Use case:

- a) Checks input parameters to satisfy the plans format
- b) In case of incorrect input report to user and allow him/her to correct the input
- c) In case of correct input:
 - 1) Set the job number for the query
 - 2) Pass the input parameters to the ASAP core
 - 3) Return the job number to the user
 - 4) When the job is finished (or cancelled) send user the email about it

Get Results

The use case allows user to receive results of the annotation plan he/she queried.

Pre-conditions:

System is installed and active. Plan was queried by the user and the job number for the query was determined.

Main Flow:

This use case begins when user goes to page providing results (or status of the job if it wasn't finished yet)

The user can:

- a) Specify job number to get the results (status) for
- b) Depends on the status of specified job (finished, cancelled, in progress):
 - 1) If finished – download results if any exist
 - 2) If cancelled – see the probable cause of the cancellation
 - 3) If in progress – see the progress status of the job

Use case:

- a) Checks the status of the specified job number
 - 1) If finished – provide download link for user
 - 2) If cancelled – provide information about reason of the cancellation for user
 - 3) If in progress – show the progress of the job if available

Manage GENERAL aspects

The use case allows user to administrate general aspects of the system: configuration parameters, files, vocabulary and see overall system statistics.

Pre-conditions:

System is installed.

The user can:

- a) Change various configuration parameters of the system. Correct input if incorrect
- b) Browse through files of the system with ability to delete and update them
- c) Obtain various statistics of the system for specified period of time
- d) Manage the vocabulary terms: create new and update existing.

Manage USERS

The use case allows to manage profiles of all users and communicate with all users by sending mass e-mails or by setting message banner text, so all users see it.

Pre-conditions:

System is installed.

The user can:

- a) Search for certain USERS and modify their profiles.
- b) Send mass e-mails for groups of users
- c) Set text message (banner text) to display for all users in the interface.

Manage ASAP

The use case allows to manage ASAP core and relative aspects: configure ASAP parameters, download ASAP core and install ASAP core (means install all not-installed but copied plans)

Pre-conditions:

System is installed.

The user can:

- a) Change various configuration parameters of the ASAP core. Correct input if incorrect.
- b) Install ASAP core by installing all not-installed plans (for the very first start of the system)
- c) Download ASAP core files to run locally on users desktop.

Manage PLANS

The use case allows to manage PLANS of ASAP system and relative aspects: install new plans into the system, search plans by various criteria, modify information about the plans, download plans from the system, manage creation and updating of plans types and manage jobs that performed the plans querying.

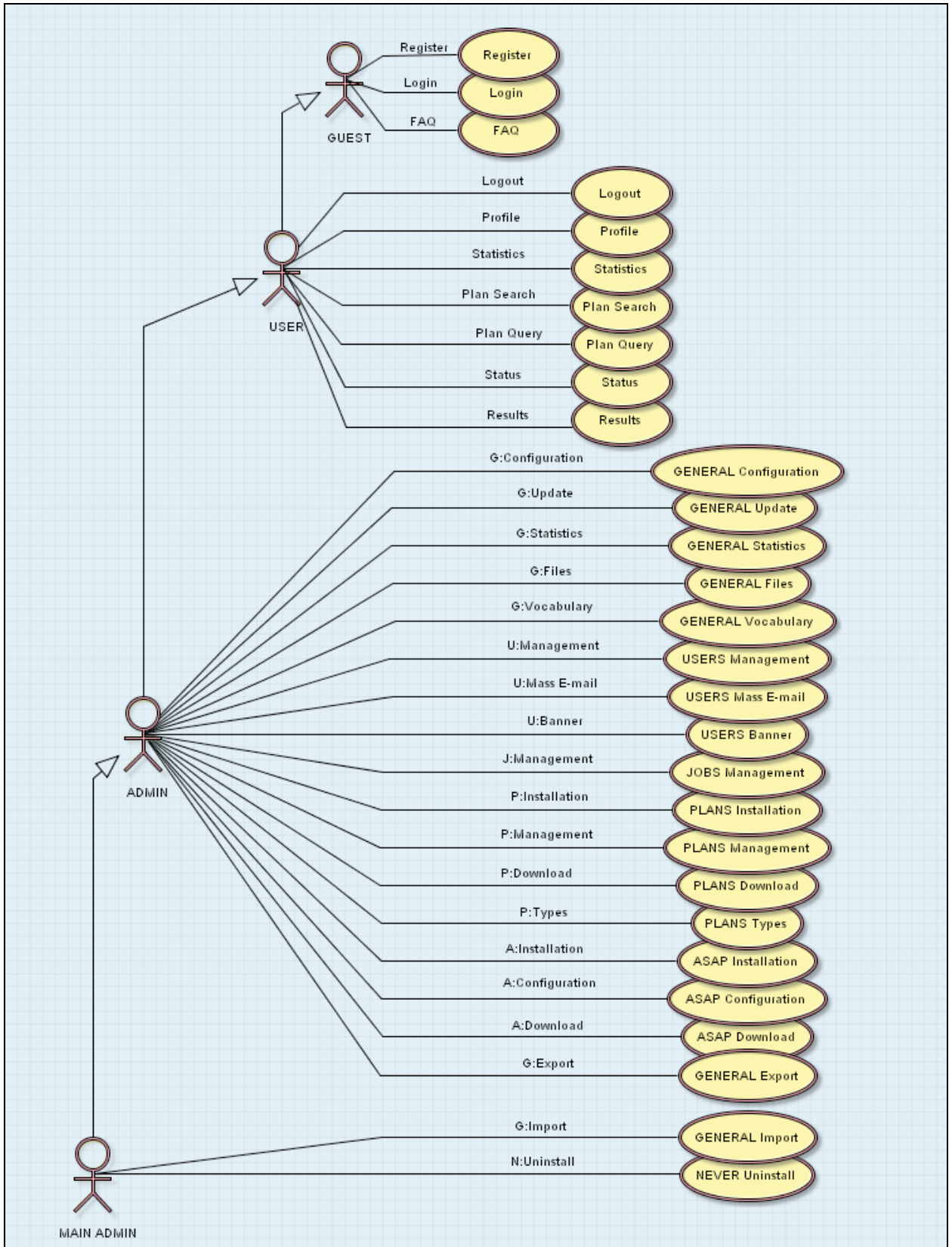
Pre-conditions:

System is installed.

The user can:

- a) Search for plans by some criteria (name, type, date of creation, etc.) and modify the system parameters of that plans (name, types, etc.)
- b) Download plans from the system to use locally.
- c) Create/delete/modify plans' types.
- d) Search for jobs performed (performing) and see the information about their status.

PART II (detailed Use Cases)



Actors

GUEST – anonymous (who didn't log in) user of the system. GUEST has limited access to the system

USER – the main user of the system, who logged in. USER can do anything that GUEST can.

ADMIN – administrator of the system – USER that has special rights to administrate.

MAIN ADMIN – main administrator of the system – ADMIN that is allowed to perform extra functions of big importance.

Use cases

Register

This use case allows GUEST to register in the system by setting username, password and e-mail.

Login

If GUEST is registered in the system the use case allows for GUEST to log in into the system and become a USER.

FAQ

The use case allows to see frequently asked questions page.

Logout

The use case allows USER to log out from the system. By this the USER becomes GUEST.

Profile

This use case allows USER to modify his/her profile information.

Statistics

This use case allows USER to see general statistics of his/her activity in the system, i.e. the amount of queried done to the system plans.

Plan Search

The use case allows USER to search for necessary plan by specifying search parameters.

Plan Query

This use case allows USER to query a plan to receive annotations.

Status

The use case allows to see the status of query submitted by the USER earlier.

Results

The use case allows to retrieve results of the query (if any) received for the USER's plan query.

GENERAL Configuration

The use case allows to modify various systems parameters.

GENERAL Update

The use case allows to update the system from installation package or patch.

GENERAL Export

The use case allows to create export file for the system that contains all plans, structure and data of www and asap tables (for agent_created tables it is only structure). The file is to be used in other system to make them absolutely the same as this one.

GENERAL Import

The use case allows MAIN ADMIN to update the system internal data to make it completely equivalent to the system the file to import is received from.

GENERAL Files

The use case allows to browse through files of the system and update/delete them.

GENERAL Statistics

The use case allows to see basic statistics for the work of the system for specified period of time.

GENERAL Vocabulary

The use case allows to view/add/modify terms of the system's vocabulary.

USERS Management

The use case allows to search for a user by name and modify the found user's profile.

USERS Mass E-mail

The use case allows to send mass e-mails to groups of users.

USERS Banner

The use case allows to set text for the banner to be shown in each interface page of the system for users to see.

JOBS Management

The use case allows to search started queries by their job identifiers and see the status of that jobs

PLANS Installation

The use case allows to install new plans into the system.

PLANS Management

The use case allows to search for a plan by various criteria and modify the system information about the plans.

PLANS Download

This use case allows to download the system plans to the user's desktop.

PLANS Types

The use case allows to add/modify/delete plans types.

ASAP Installation

The use case allows to install all copied (manually into the file system) plans into the system.

ASAP Configuration

The use case allows to change ASAP core parameters.

ASAP Download

The use case allows to download the ASAP core modules to users desktop.

NEVER Uninstall

The use case allows for MAIN ADMIN to uninstall the system completely.