

Use Case Model

Package in package 'Model'

Use Case Model
Version Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

eJournal Application Use Case Model diagram

Use Case diagram in package 'Use Case Model'

eJournal Application Use Case Model
Version 1.0
Jack created on 21.10.2016. Last modified 26.11.2016

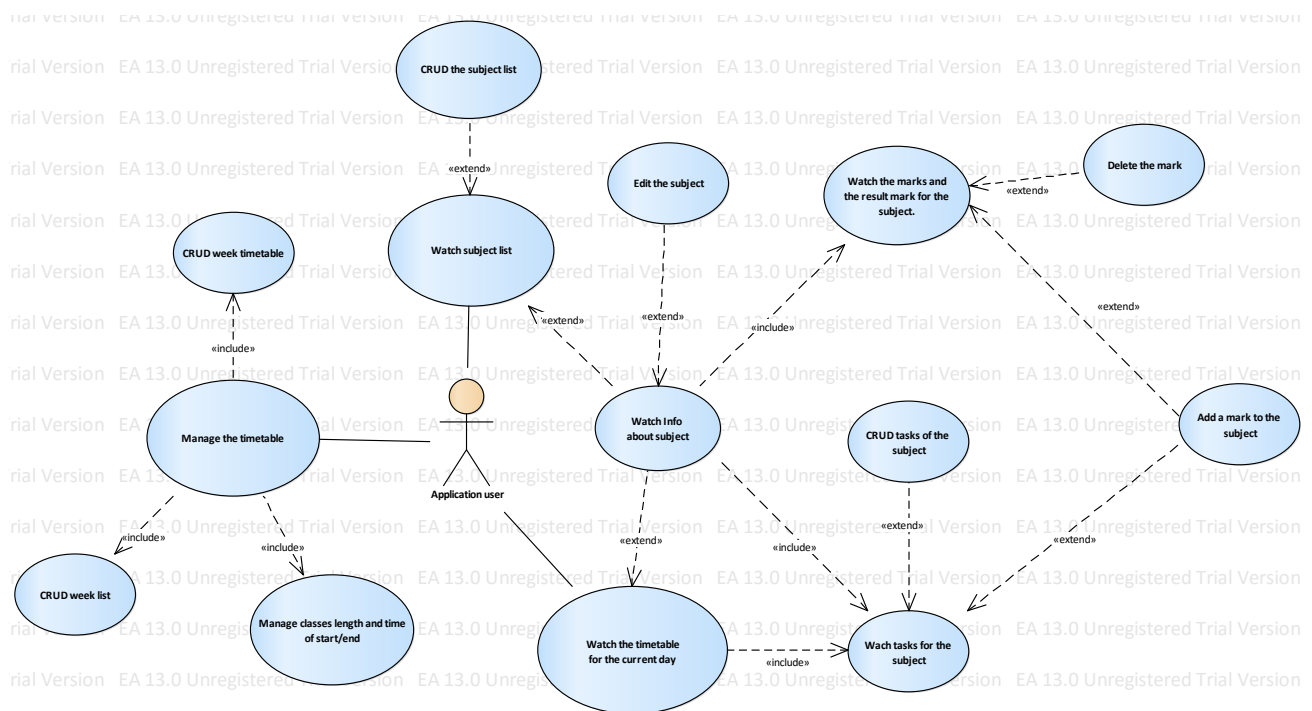


Figure 1: eJournal Application Use Case Model

Actors

Package in package 'Use Case Model'

Actors
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Application user

Actor in package 'Actors'

The single man, the owner of the mobile device or tablet with Android onboard.

Application user
Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016

Add a mark to the subject

UseCase in package 'Use Case Model'

The user taps at '+' label in mark field, it opens the window to type in new mark.

Add a mark to the subject
Version 2.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

AddMark Activity

Activity owned by 'Add a mark to the subject', in package 'Use Case Model'

AddMark Activity
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 10.11.2016

AddMark Activity diagram

Activity diagram in package 'Use Case Model'

AddMark Activity
Version 1.0
Jack created on 21.10.2016. Last modified 29.10.2016

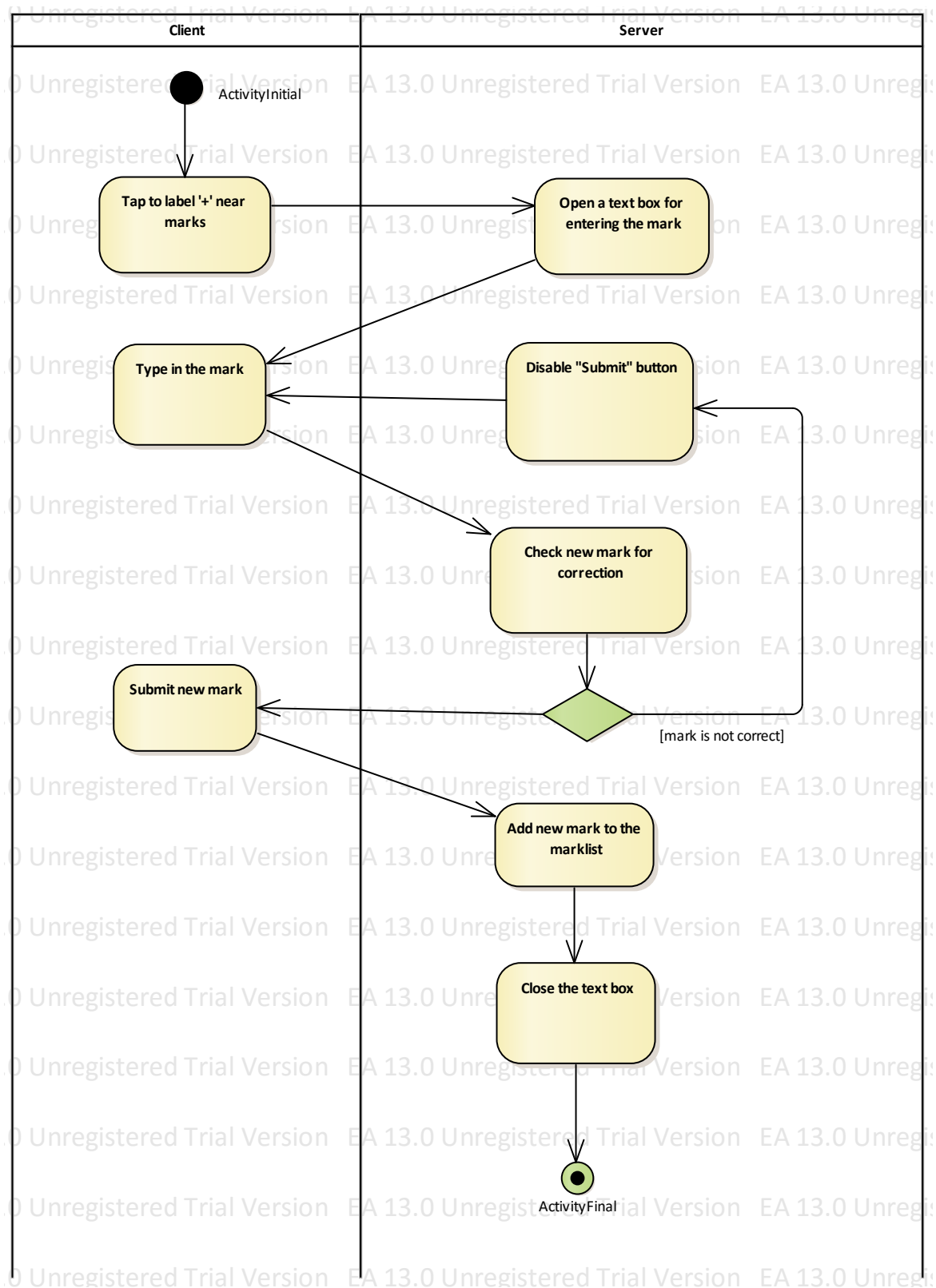


Figure 2: AddMark Activity

Client

ActivityPartition owned by 'AddMark Activity', in package 'Use Case Model'

Client
Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

Submit new mark

Activity owned by 'Client', in package 'Use Case Model'

Submit new mark
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Tap to label '+' near marks

Activity owned by 'Client', in package 'Use Case Model'

Tap to label '+' near marks
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Type in the mark

Activity owned by 'Client', in package 'Use Case Model'

Type in the mark
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

ActivityInitial

ActivityInitial owned by 'Client', in package 'Use Case Model'

ActivityInitial
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Server

ActivityPartition owned by 'AddMark Activity', in package 'Use Case Model'

Server
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Add new mark to the marklist

Activity owned by 'Server', in package 'Use Case Model'

Add new mark to the marklist
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Check new mark for correction

Activity owned by 'Server', in package 'Use Case Model'

mark for certain subject may specified with the max mark also marks may be integer or fractional. So that some marks may not be applied by the system and user must reenter new mark.

Check new mark for correction
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Close the text box

Activity owned by 'Server', in package 'Use Case Model'

Close the text box
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Disable "Submit" button

Activity owned by 'Server', in package 'Use Case Model'

Also system adds text "Incorrect mark" below the mark text box

Disable "Submit" button
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Open a text box for entering the mark

Activity owned by 'Server', in package 'Use Case Model'

Open a text box for entering the mark
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

ObjectNode1

ActionPin owned by 'Open a text box for entering the mark', in package 'Use Case Model'

ObjectNode1
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

DecisionNode

DecisionNode owned by 'Open a text box for entering the mark', in package 'Use Case Model'

DecisionNode
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Show numeric keyboard

Activity owned by 'Server', in package 'Use Case Model'

Show numeric keyboard
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

DecisionNode

DecisionNode owned by 'Server', in package 'Use Case Model'

DecisionNode
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

ActivityFinal

ActivityFinal owned by 'Server', in package 'Use Case Model'

ActivityFinal
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

AddMark Interaction

Interaction owned by 'Add a mark to the subject', in package 'Use Case Model'

AddMark Interaction
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

AddMarkSequence diagram

Interaction diagram in package 'Use Case Model'

AddMarkSequence
Version 1.0
Jack created on 21.10.2016. Last modified 17.11.2016

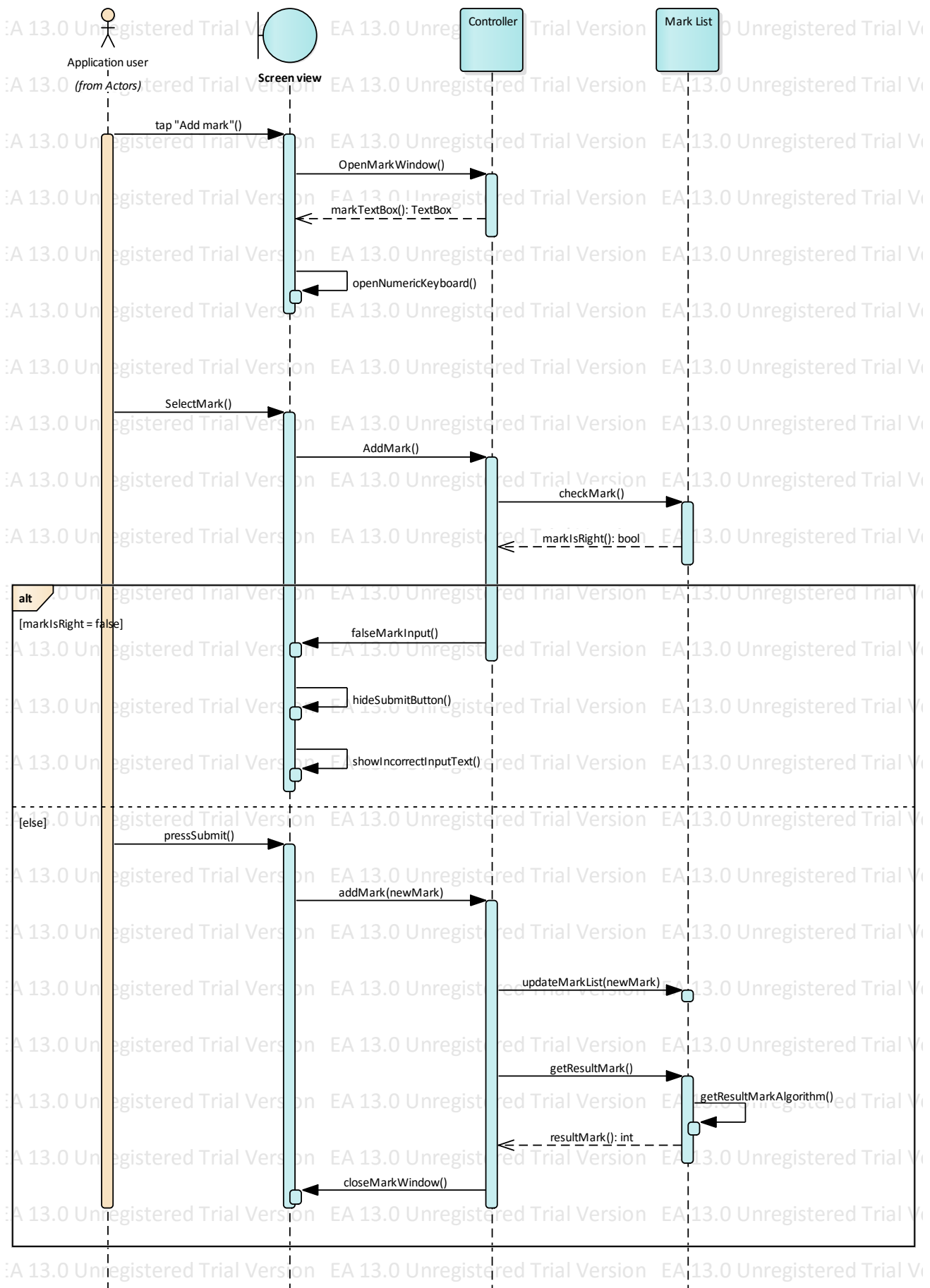


Figure 3: AddMarkSequence

InteractionFragment

InteractionFragment owned by 'AddMark Interaction', in package 'Use Case Model'

InteractionFragment
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Gate

Gate owned by 'AddMark Interaction', in package 'Use Case Model'

Gate
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Mark List

Sequence owned by 'AddMark Interaction', in package 'Use Case Model'

Mark List
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

AddMark StateMachine

StateMachine owned by 'Add a mark to the subject', in package 'Use Case Model'

AddMark StateMachine
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

AddMark StateMachine diagram

StateMachine diagram in package 'Use Case Model'

AddMark StateMachine
Version 1.0
Jack created on 21.10.2016. Last modified 28.10.2016

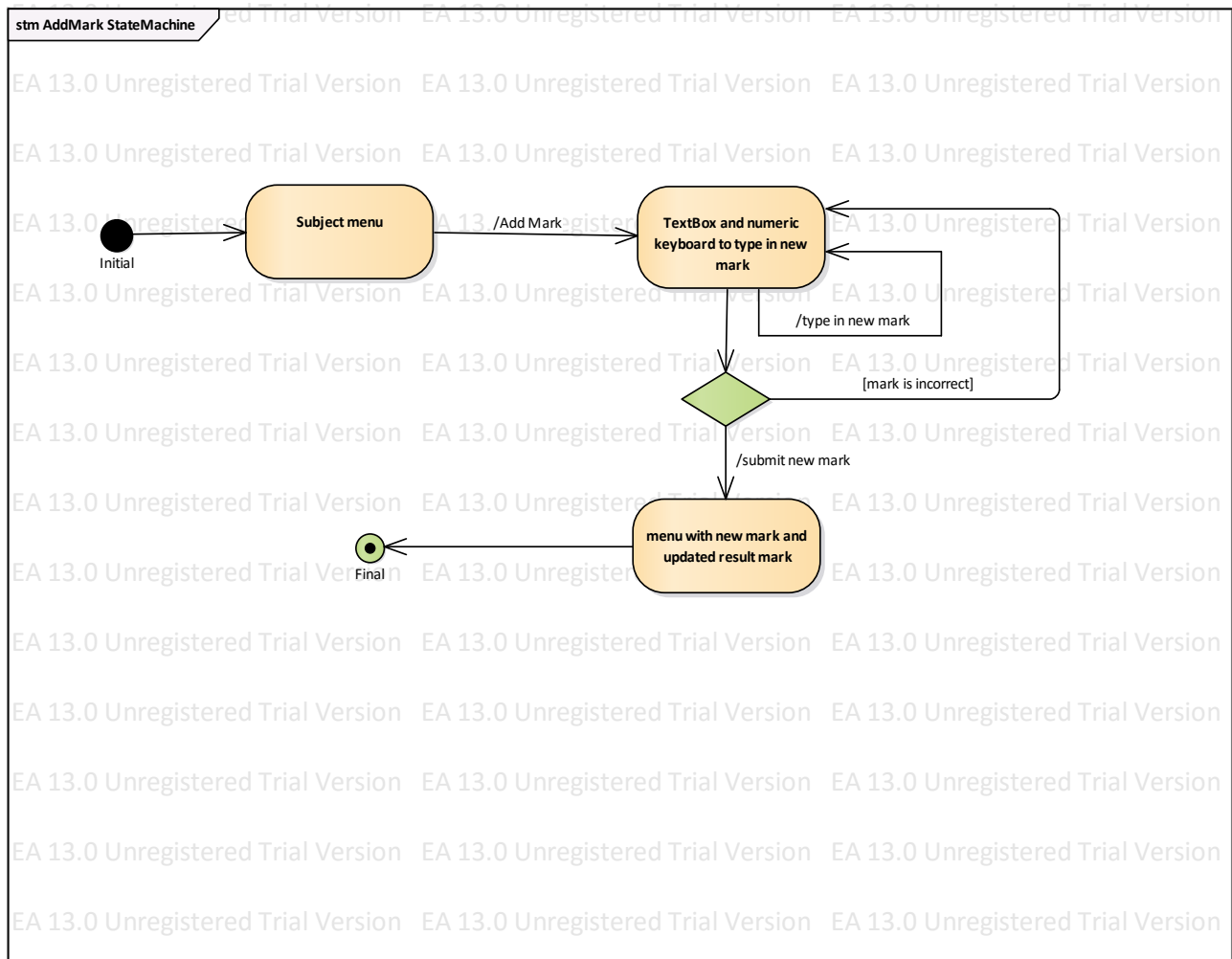


Figure 4: AddMark StateMachine

Edit result mark on the screen

State owned by 'AddMark StateMachine', in package 'Use Case Model'

Edit result mark on the screen
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

menu with new mark and updated result mark

State owned by 'AddMark StateMachine', in package 'Use Case Model'

menu with new mark and updated result mark
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Subject menu

State owned by 'AddMark StateMachine', in package 'Use Case Model'

Subject menu
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

TextBox and numeric keyboard to type in new mark

State owned by 'AddMark StateMachine', in package 'Use Case Model'

TextBox and numeric keyboard to type in new mark
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Message about wrong length

State owned by 'AddMark StateMachine', in package 'Use Case Model'

Message about wrong length
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Choice

Choice owned by 'AddMark StateMachine', in package 'Use Case Model'

Choice
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Final

Final State owned by 'AddMark StateMachine', in package 'Use Case Model'

Final
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Initial

Initial State owned by 'AddMark StateMachine', in package 'Use Case Model'

Initial
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

CRUD tasks of the subject

UseCase in package 'Use Case Model'

Task includes type of subject this task is referred to (ex. labs, practices), name of the task, subtasks (if needed), the priority(high/medium/low), the date of the deadline, time to remind the user (if needed).

CRUD tasks of the subject
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 17.11.2016

CreateTaskActivity

Activity owned by 'CRUD tasks of the subject', in package 'Use Case Model'

CreateTaskActivity
Version 1.0 Phase 1.0 Proposed
Jack created on 17.11.2016. Last modified 17.11.2016

CreateTaskActivity diagram

Activity diagram in package 'Use Case Model'

CreateTaskActivity
Version 1.0
Jack created on 17.11.2016. Last modified 17.11.2016

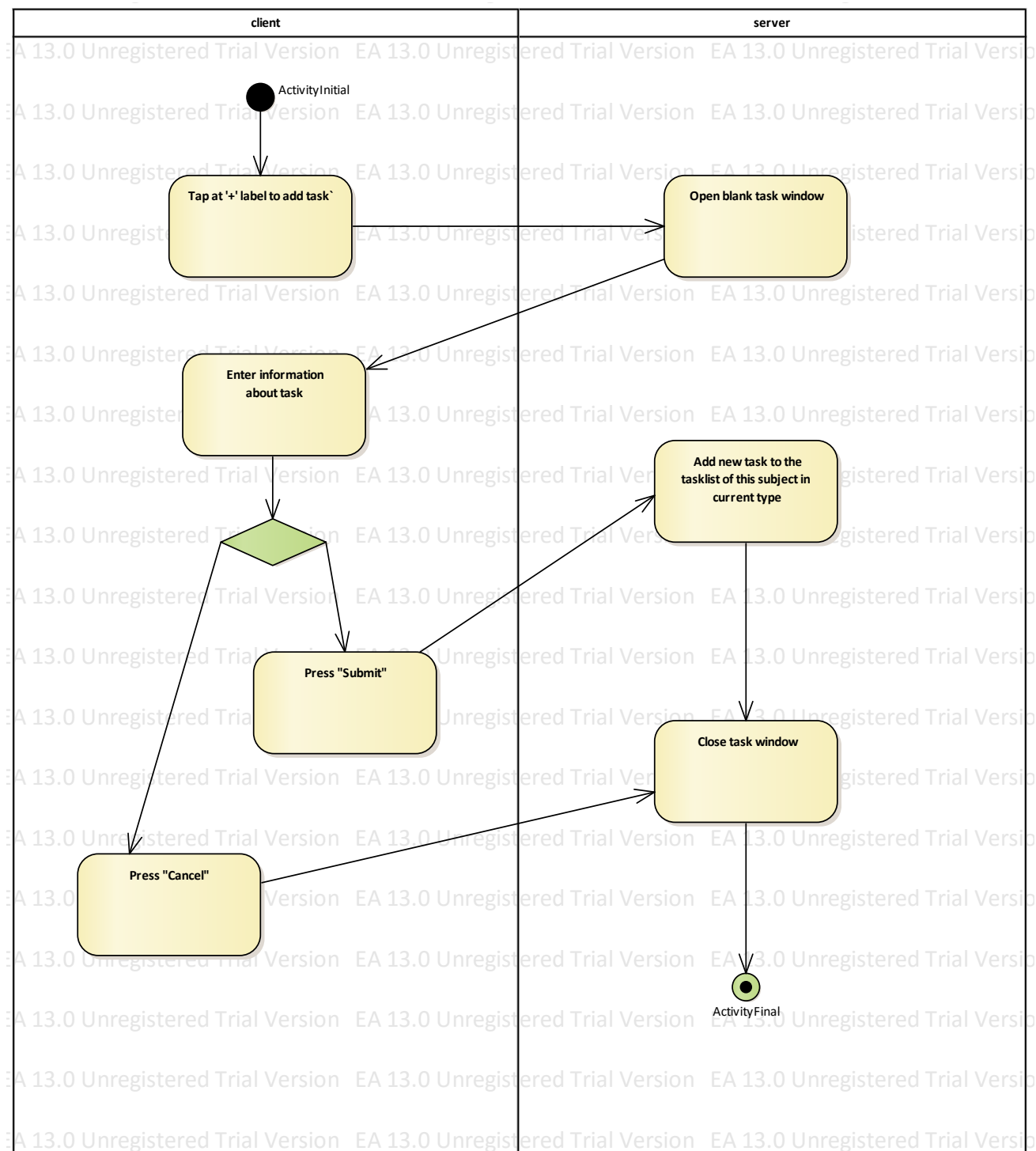


Figure 5: CreateTaskActivity

client

ActivityPartition owned by 'CreateTaskActivity', in package 'Use Case Model'

client

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Enter information

about task

Activity owned by 'client', in package 'Use Case Model'

User enters name of the task. Also user can add subtasks, specify date of the deadline and priority.

Enter information
about task

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Press "Cancel"

Activity owned by 'client', in package 'Use Case Model'

Press "Cancel"

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Press "Submit"

Activity owned by 'client', in package 'Use Case Model'

Press "Submit"

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Tap at '+' label to add task`

Activity owned by 'client', in package 'Use Case Model'

Tap at '+' label to add task`

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

DecisionNode

DecisionNode owned by 'client', in package 'Use Case Model'

DecisionNode

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

ActivityInitial

ActivityInitial owned by 'client', in package 'Use Case Model'

ActivityInitial

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

server

ActivityPartition owned by 'CreateTaskActivity', in package 'Use Case Model'

server

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Add new task to the tasklist of this subject in current type

Activity owned by 'server', in package 'Use Case Model'

Add new task to the
tasklist of this subject in current type

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Close task window

Activity owned by 'server', in package 'Use Case Model'

Close task window

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

Open blank task window

Activity owned by 'server', in package 'Use Case Model'

Open blank task window

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

ActivityFinal

ActivityFinal owned by 'server', in package 'Use Case Model'

ActivityFinal

Version 1.0 Phase 1.0 Proposed

Jack created on 17.11.2016. Last modified 17.11.2016

DeleteTaskInteraction

Interaction owned by 'CRUD tasks of the subject', in package 'Use Case Model'

DeleteTaskInteraction

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

DeleteTaskInteraction diagram

Interaction diagram in package 'Use Case Model'

DeleteTaskInteraction

Version 1.0

Jack created on 25.11.2016. Last modified 26.11.2016

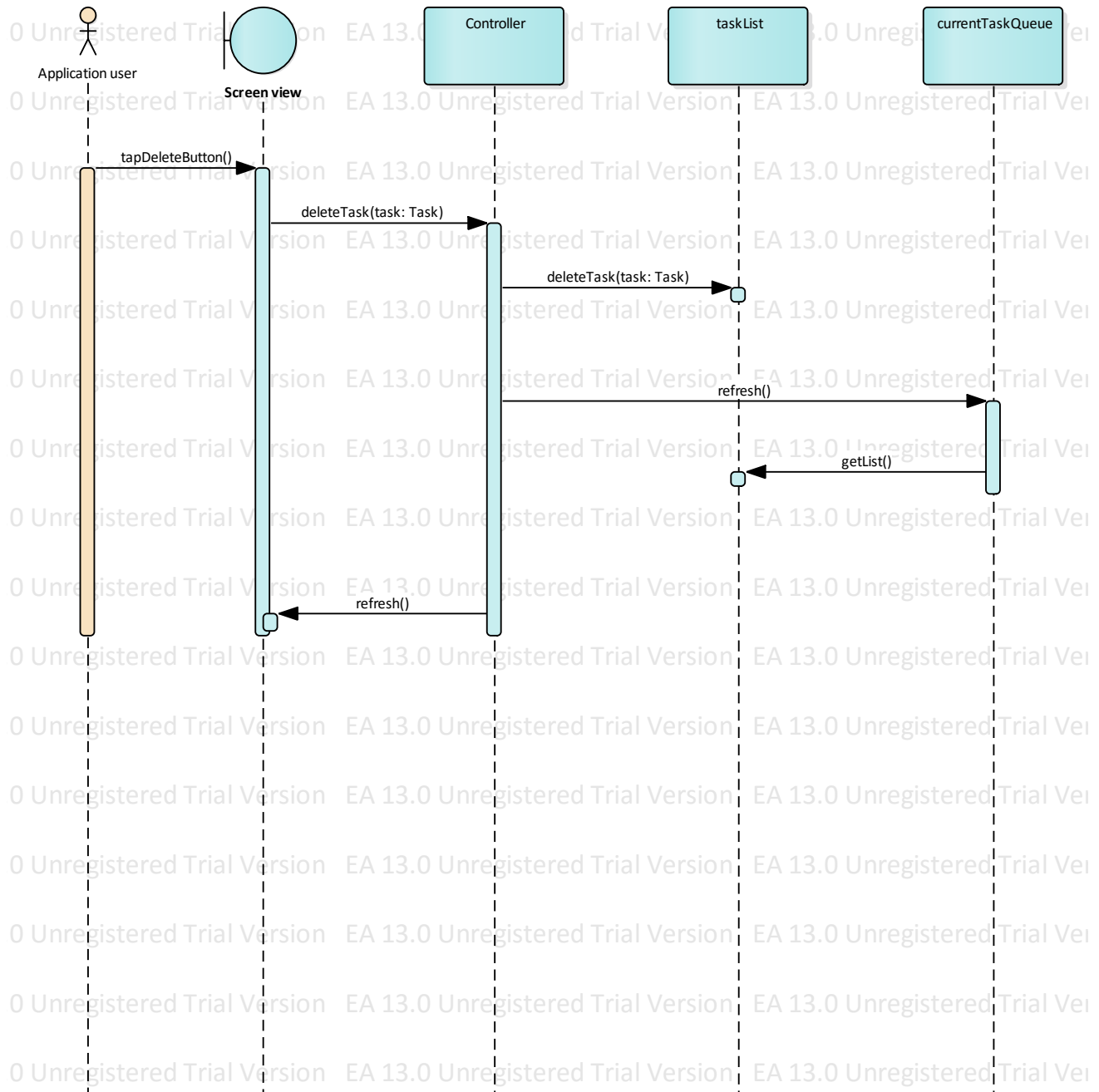


Figure 6: DeleteTaskInteraction

Application user

Actor owned by 'DeleteTaskInteraction', in package 'Use Case Model'

The single man, the owner of the mobile device or tablet with Android onboard.

Application user

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

Controller

Sequence owned by 'DeleteTaskInteraction', in package 'Use Case Model'

Controller

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

currentTaskQueue

Sequence owned by 'DeleteTaskInteraction', in package 'Use Case Model'

currentTaskQueue

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

Screen view

Sequence «boundary» owned by 'DeleteTaskInteraction', in package 'Use Case Model'

Screen view

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

taskList

Sequence owned by 'DeleteTaskInteraction', in package 'Use Case Model'

taskList

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

EditTaskStateMachine

StateMachine owned by 'CRUD tasks of the subject', in package 'Use Case Model'

EditTaskStateMachine

Version 1.0 Phase 1.0 Proposed

Jack created on 25.11.2016. Last modified 25.11.2016

EditTaskStateMachine diagram

StateMachine diagram in package 'Use Case Model'

EditTaskStateMachine

Version 1.0

Jack created on 25.11.2016. Last modified 26.11.2016

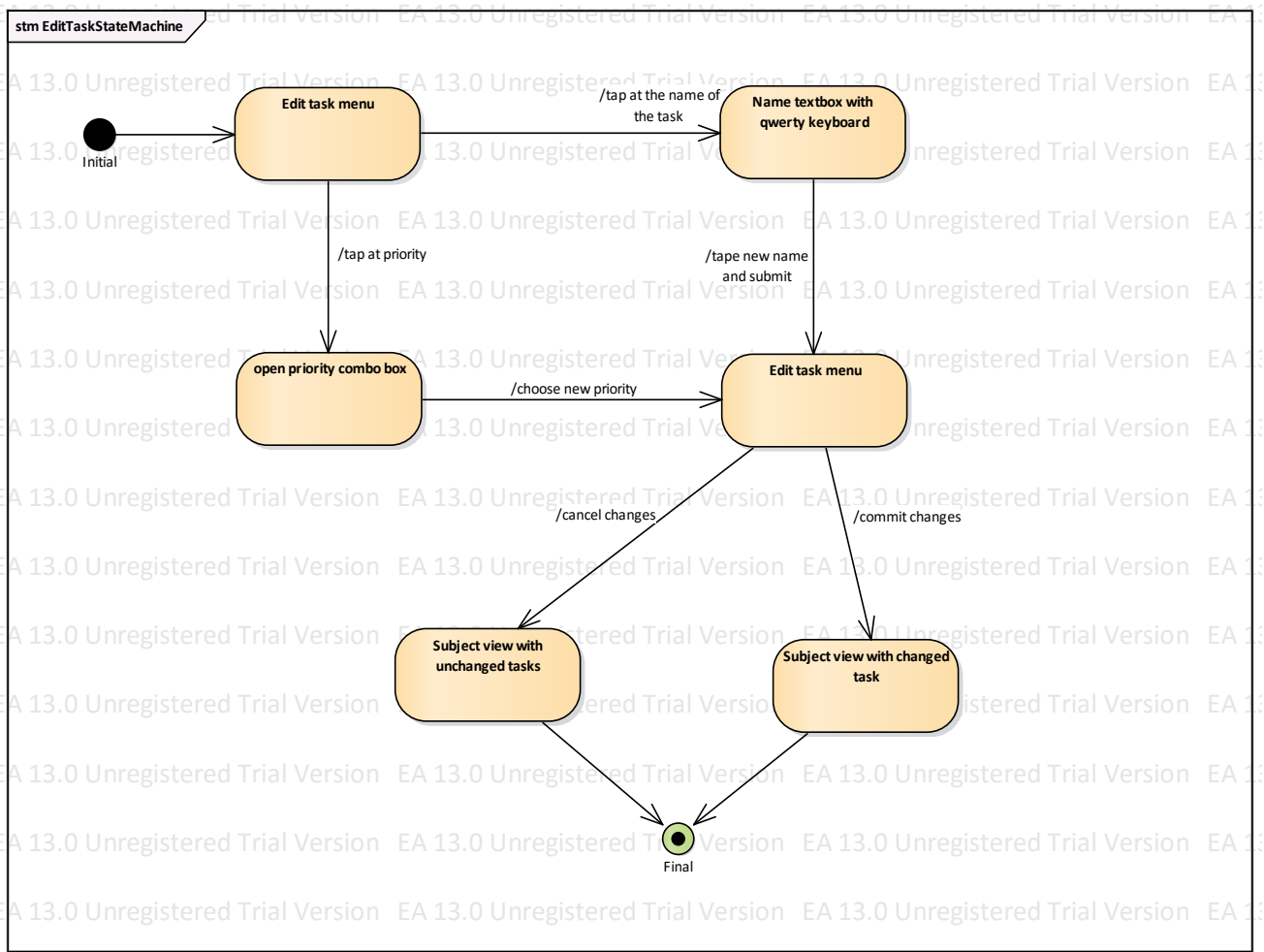


Figure 7: EditTaskStateMachine

Edit task menu

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Edit task menu
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Edit task menu

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Edit task menu
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Name textbox with qwerty keyboard

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Name textbox with qwerty keyboard
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

open priority combo box

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

open priority combo box
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Subject view with changed task

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Subject view with changed task
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Subject view with unchanged tasks

State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Subject view with unchanged tasks
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Choice

Choice owned by 'EditTaskStateMachine', in package 'Use Case Model'

Choice
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Final

Final State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Final
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

Initial

Initial State owned by 'EditTaskStateMachine', in package 'Use Case Model'

Initial
Version 1.0 Phase 1.0 Proposed
Jack created on 25.11.2016. Last modified 25.11.2016

CRUD the subject list

UseCase in package 'Use Case Model'

User can add and delete subjects.

CRUD the subject list
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

DeleteSubjectActivity

Activity owned by 'CRUD the subject list', in package 'Use Case Model'

DeleteSubjectActivity
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

DeleteSubjectActivity diagram

Activity diagram in package 'Use Case Model'

DeleteSubjectActivity
Version 1.0
Jack created on 11.11.2016. Last modified 11.11.2016

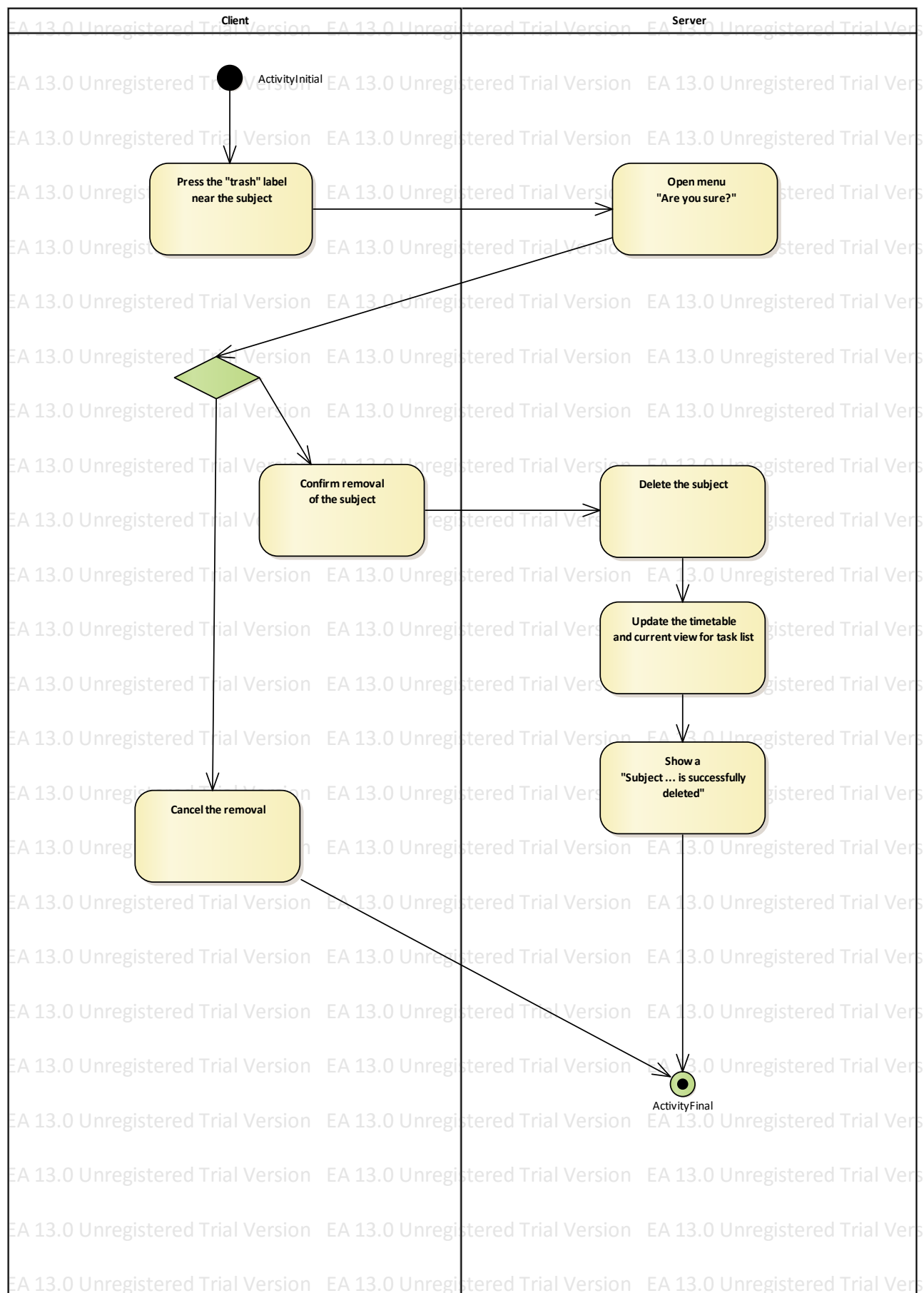


Figure 8: DeleteSubjectActivity

Client

ActivityPartition owned by 'DeleteSubjectActivity', in package 'Use Case Model'

Client
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Cancel the removal

Activity owned by 'Client', in package 'Use Case Model'

Press the 'X' label

Cancel the removal
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Confirm removal of the subject

Activity owned by 'Client', in package 'Use Case Model'

Press 'V' label

Confirm removal
of the subject
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Press the "trash" label near the subject

Activity owned by 'Client', in package 'Use Case Model'

Press the "trash" label
near the subject
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

DecisionNode

DecisionNode owned by 'Client', in package 'Use Case Model'

DecisionNode
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

ActivityInitial

ActivityInitial owned by 'Client', in package 'Use Case Model'

ActivityInitial

Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Server

ActivityPartition owned by 'DeleteSubjectActivity', in package 'Use Case Model'

Server
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Delete the subject

Activity owned by 'Server', in package 'Use Case Model'

Delete the subject
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Open menu

"Are you sure?"

Activity owned by 'Server', in package 'Use Case Model'

Open menu
"Are you sure?"
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Show a

"Subject ... is successfully deleted"

Activity owned by 'Server', in package 'Use Case Model'

Show a
"Subject ... is successfully
deleted"
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Update the timetable and current view for task list

Activity owned by 'Server', in package 'Use Case Model'

Delete classes of this subject from timetable. After that update the current task list.

Update the timetable
and current view for task list
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

ActivityFinal

ActivityFinal owned by 'Server', in package 'Use Case Model'

ActivityFinal
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

DecisionNode

DecisionNode owned by 'DeleteSubjectActivity', in package 'Use Case Model'

DecisionNode
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

DeleteSubjectInteraction

Interaction owned by 'CRUD the subject list', in package 'Use Case Model'

DeleteSubjectInteraction
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

DeleteSubjectInteraction diagram

Interaction diagram in package 'Use Case Model'

DeleteSubjectInteraction
Version 1.0
Jack created on 11.11.2016. Last modified 26.11.2016

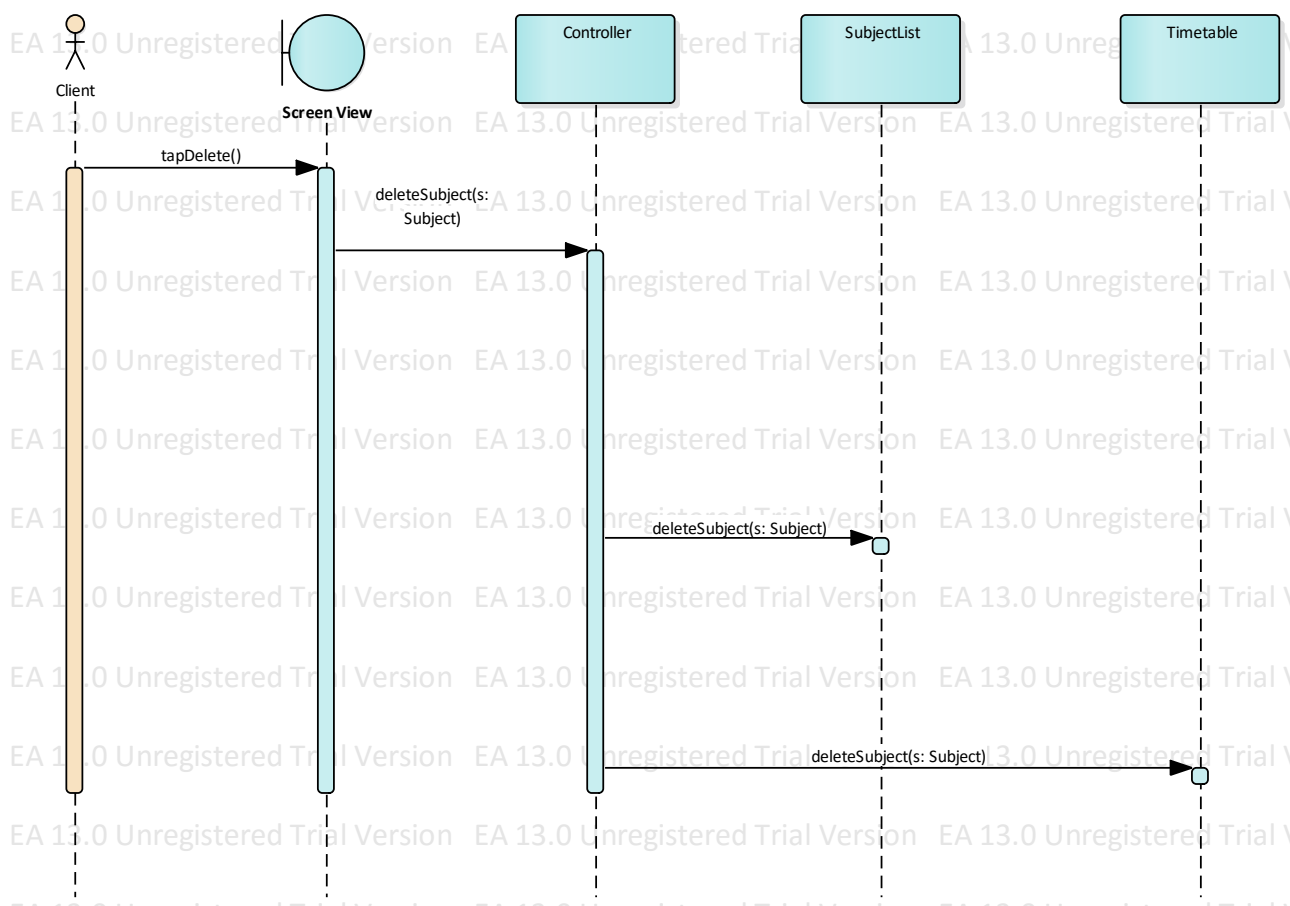


Figure 9: DeleteSubjectInteraction

Client

Actor owned by 'DeleteSubjectInteraction', in package 'Use Case Model'

Client
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Controller

Sequence owned by 'DeleteSubjectInteraction', in package 'Use Case Model'

Controller
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Screen View

Sequence «boundary» owned by 'DeleteSubjectInteraction', in package 'Use Case Model'

Screen View
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

SubjectList

Sequence owned by 'DeleteSubjectInteraction', in package 'Use Case Model'

SubjectList
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Timetable

Sequence owned by 'DeleteSubjectInteraction', in package 'Use Case Model'

Timetable
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

CRUD week list

UseCase in package 'Use Case Model'

In schools pupils study week is usually constant, in universities weeks may differ. That's why it's important to have an opportunity to have several weeks of timetable.

User can add, remove, change the order of weeks, change the number of current week.

CRUD week list
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

AddWeekActivity

Activity owned by 'CRUD week list', in package 'Use Case Model'

AddWeekActivity
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

AddWeekActivity diagram

Activity diagram in package 'Use Case Model'

AddWeekActivity
Version 1.0
Jack created on 18.11.2016. Last modified 22.11.2016

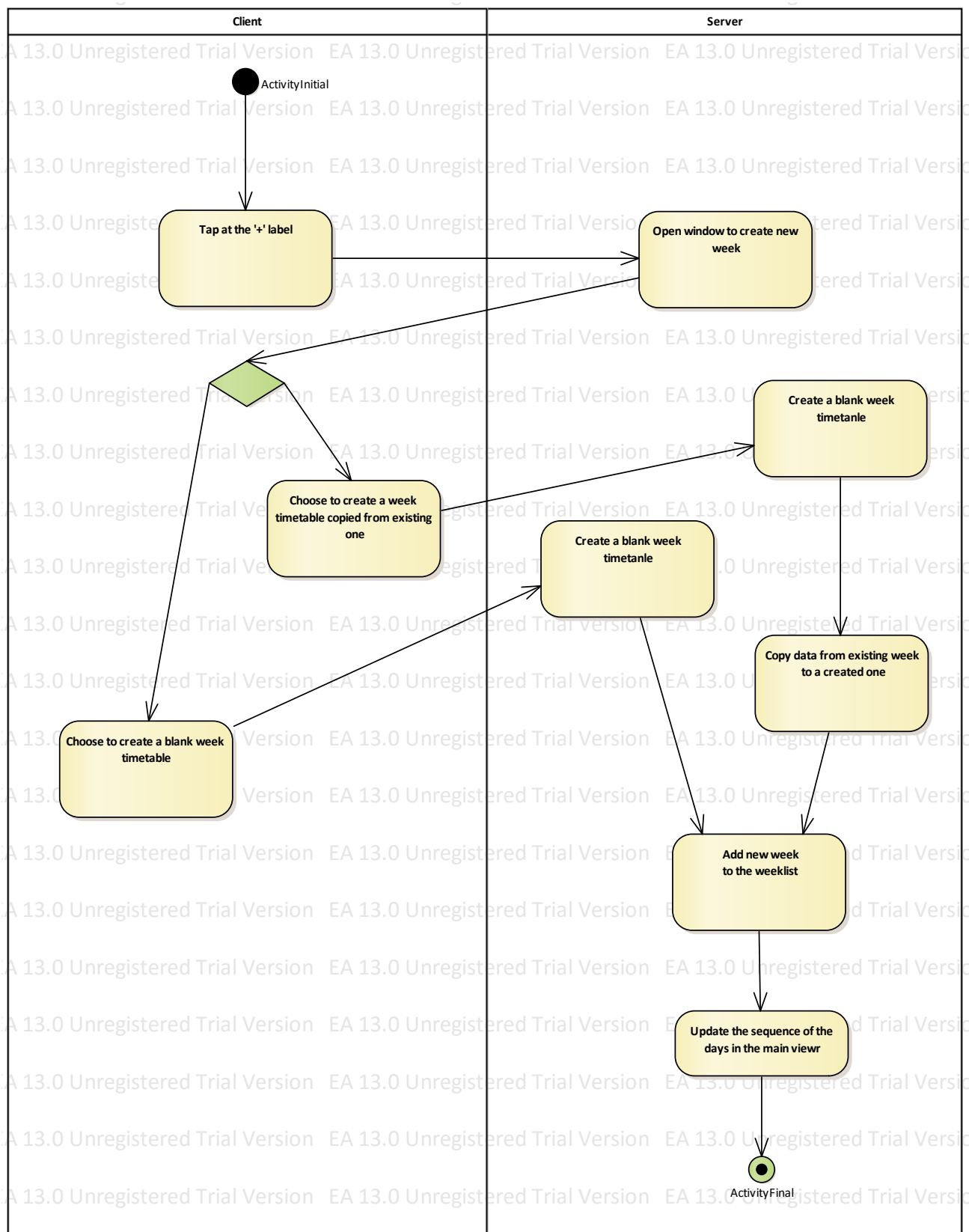


Figure 10: AddWeekActivity

Client

ActivityPartition owned by 'AddWeekActivity', in package 'Use Case Model'

Client

Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

Choose to create a blank week timetable

Activity owned by 'Client', in package 'Use Case Model'

Choose to create a blank week timetable
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

Choose to create a week timetable copied from existing one

Activity owned by 'Client', in package 'Use Case Model'

Choose to create a week timetable copied from existing one
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

Tap at the '+' label

Activity owned by 'Client', in package 'Use Case Model'

Tap at the '+' label
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

DecisionNode

DecisionNode owned by 'Client', in package 'Use Case Model'

DecisionNode
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

ActivityInitial

ActivityInitial owned by 'Client', in package 'Use Case Model'

ActivityInitial
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

Server

ActivityPartition owned by 'AddWeekActivity', in package 'Use Case Model'

Server
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

Add new week to the weeklist

Activity owned by 'Server', in package 'Use Case Model'

Add new week
to the weeklist
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

Copy data from existing week to a created one

Activity owned by 'Server', in package 'Use Case Model'

Copy data from existing week to a created one
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

Create a blank week timetanle

Activity owned by 'Server', in package 'Use Case Model'

Create a blank week
timetanle
Version 1.0 Phase 1.0 Proposed
Jack created on 18.11.2016. Last modified 18.11.2016

Create a blank week timetanle

Activity owned by 'Server', in package 'Use Case Model'

Create a blank week
timetanle
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

Open window to create new week

Activity owned by 'Server', in package 'Use Case Model'

User can choose to create a blank week timetable or to copy it from another week

Open window to create new week
Version 1.0 Phase 1.0 Proposed
Jack created on 22.11.2016. Last modified 22.11.2016

Update the sequence of the days in the main viewr

Activity owned by 'Server', in package 'Use Case Model'

Update the sequence of the days in the main viewr
Version 1.0 Phase 1.0 Proposed

Jack created on 18.11.2016. Last modified 18.11.2016

ActivityFinal

ActivityFinal owned by 'Server', in package 'Use Case Model'

ActivityFinal

Version 1.0 Phase 1.0 Proposed

Jack created on 22.11.2016. Last modified 22.11.2016

CRUD week timetable

UseCase in package 'Use Case Model'

User navigates to different days of this week and add's, removes or changes the order of subjects.

CRUD week timetable

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

Add Class Activity

Activity owned by 'CRUD week timetable', in package 'Use Case Model'

Add Class Activity

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 22.11.2016

Add Class Activity diagram

Activity diagram in package 'Use Case Model'

Add Class Activity

Version 1.0

Jack created on 28.10.2016. Last modified 28.10.2016

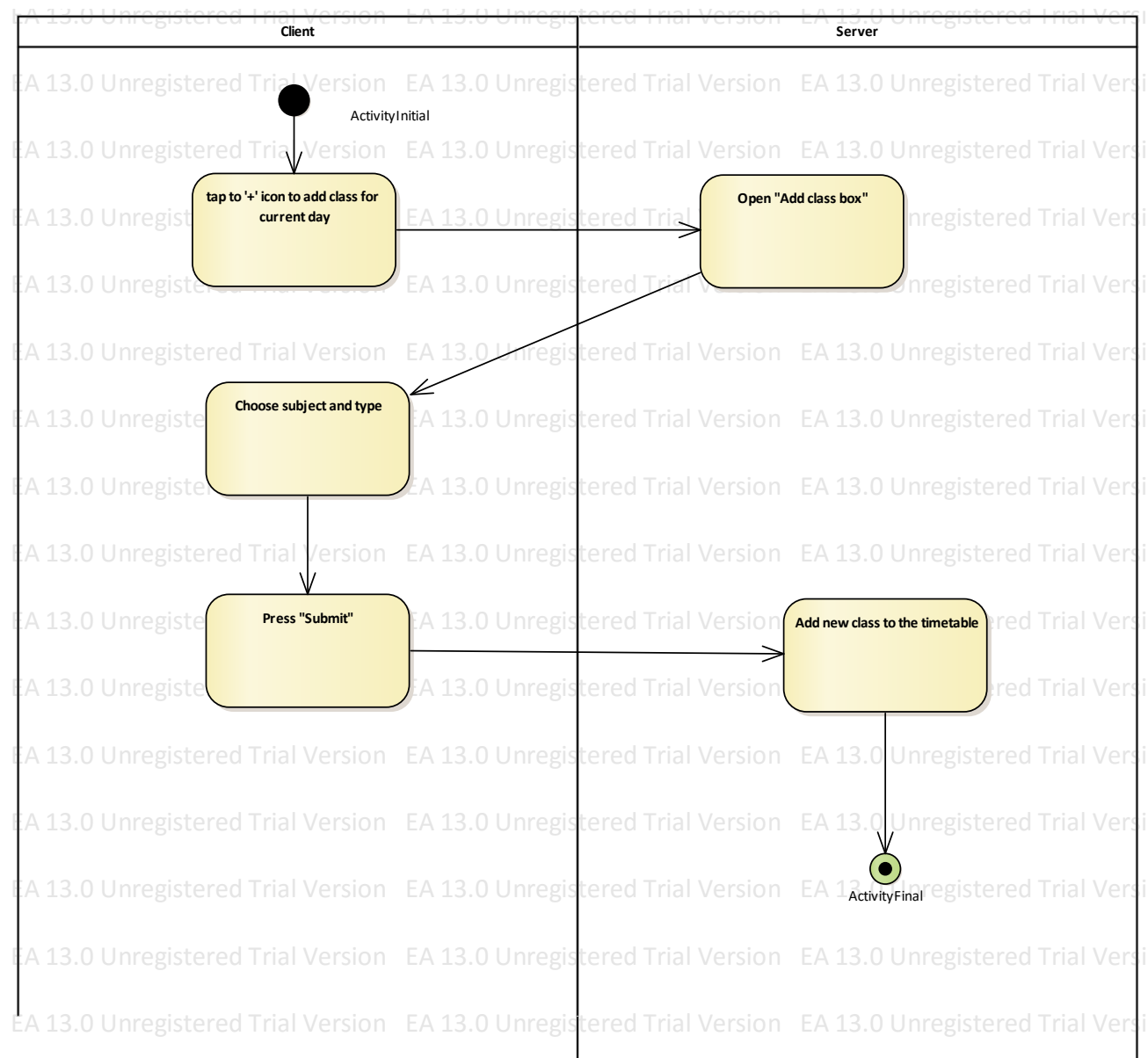


Figure 11: Add Class Activity

Client

ActivityPartition owned by 'Add Class Activity', in package 'Use Case Model'

Client

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

Choose subject and type

Activity owned by 'Client', in package 'Use Case Model'

Choose subject and type

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

Press "Submit"

Activity owned by 'Client', in package 'Use Case Model'

Press "Submit"
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

tap to '+' icon to add class for current day

Activity owned by 'Client', in package 'Use Case Model'

tap to '+' icon to add class for current day
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

ActivityInitial

ActivityInitial owned by 'Client', in package 'Use Case Model'

ActivityInitial
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Server

ActivityPartition owned by 'Add Class Activity', in package 'Use Case Model'

Server
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Add new class to the timetable

Activity owned by 'Server', in package 'Use Case Model'

Add new class to the timetable
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Open "Add class box"

Activity owned by 'Server', in package 'Use Case Model'

Add class box includes lost with subjects radio buttons near them and combo boxes with type of class (ex. lecture, practice)

Open "Add class box"
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

ActivityFinal

ActivityFinal owned by 'Server', in package 'Use Case Model'

ActivityFinal

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

DeleteClassInteraction

Interaction owned by 'CRUD week timetable', in package 'Use Case Model'

DeleteClassInteraction

Version 1.0 Phase 1.0 Proposed

Jack created on 26.11.2016. Last modified 26.11.2016

DeleteClassInteraction diagram

Interaction diagram in package 'Use Case Model'

DeleteClassInteraction

Version 1.0

Jack created on 26.11.2016. Last modified 26.11.2016

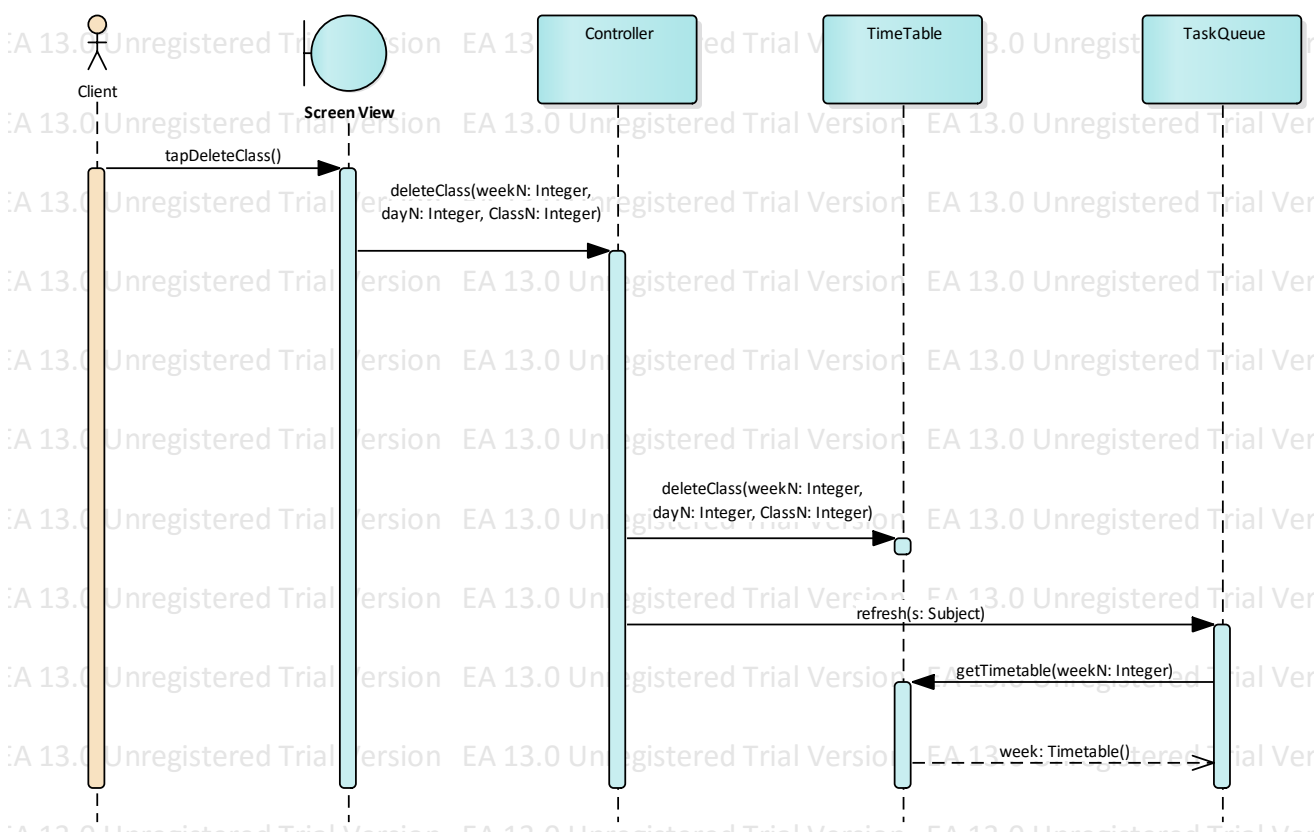


Figure 12: DeleteClassInteraction

Client

Actor owned by 'DeleteClassInteraction', in package 'Use Case Model'

Client

Version 1.0 Phase 1.0 Proposed

Jack created on 26.11.2016. Last modified 26.11.2016

Controller

Sequence owned by 'DeleteClassInteraction', in package 'Use Case Model'

Controller
Version 1.0 Phase 1.0 Proposed
Jack created on 26.11.2016. Last modified 26.11.2016

Screen View

Sequence «boundary» owned by 'DeleteClassInteraction', in package 'Use Case Model'

Screen View
Version 1.0 Phase 1.0 Proposed
Jack created on 26.11.2016. Last modified 26.11.2016

TaskQueue

Sequence owned by 'DeleteClassInteraction', in package 'Use Case Model'

TaskQueue
Version 1.0 Phase 1.0 Proposed
Jack created on 26.11.2016. Last modified 26.11.2016

TimeTable

Sequence owned by 'DeleteClassInteraction', in package 'Use Case Model'

TimeTable
Version 1.0 Phase 1.0 Proposed
Jack created on 26.11.2016. Last modified 26.11.2016

Delete the mark

UseCase in package 'Use Case Model'

The user taps on the 'X' label near the mark and it disappears.

Delete the mark
Version 1.0 Phase 1.0 Proposed
Jack created on 28.10.2016. Last modified 28.10.2016

Edit the subject

UseCase in package 'Use Case Model'

The user can edit the subject. this includes:

1. edit info about teachers(add/delete teacher, change his(her) name, telephone, e-mail)
2. edit the way to calculate the result mark(the sum or the average)

Edit the subject

Version 1.0 Phase 1.0 Proposed
 Jack created on 21.10.2016. Last modified 26.11.2016

EditSubjectStateMachine

StateMachine owned by 'Edit the subject', in package 'Use Case Model'

EditSubjectStateMachine
 Version 1.0 Phase 1.0 Proposed
 Jack created on 11.11.2016. Last modified 26.11.2016

EditSubjectStateMachine diagram

StateMachine diagram in package 'Use Case Model'

EditSubjectStateMachine
 Version 1.0
 Jack created on 11.11.2016. Last modified 25.11.2016

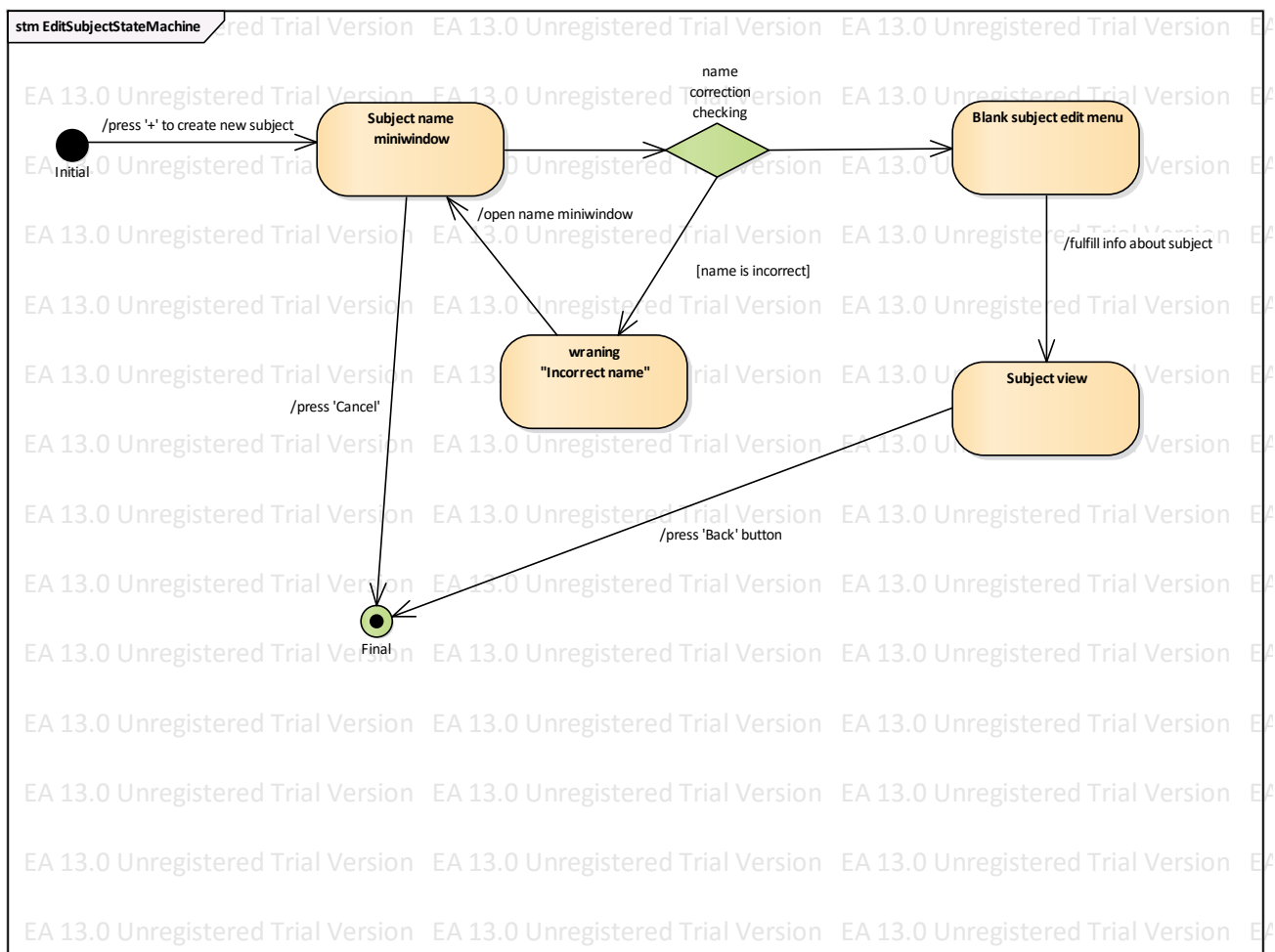


Figure 13: EditSubjectStateMachine

Blank subject edit menu

State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

only field name if fulfilled with entered subject name

Blank subject edit menu
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Subject name

miniwindow

State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

Subject name
miniwindow
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Subject view

State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

Subject view
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

wraning

"Incorrect name"

State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

wraning
"Incorrect name"
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Final

Final State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

Final
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Initial

Initial State owned by 'EditSubjectStateMachine', in package 'Use Case Model'

Initial
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

name correction checking

Choice owned by 'EditSubjectStateMachine', in package 'Use Case Model'

name correction checking
Version 1.0 Phase 1.0 Proposed
Jack created on 11.11.2016. Last modified 11.11.2016

Manage classes length and time of start/end

UseCase in package 'Use Case Model'

User can: set up time of start and end of the classes, set up classes length(common property, it will change classes ends), add new class, delete class.

Manage classes length and time
of start/end
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

ClassLength Activity

*Activity owned by 'Manage classes length and time
of start/end', in package 'Use Case Model'*

ClassLength Activity
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

ClassLength Activity diagram

Activity diagram in package 'Use Case Model'

ClassLength Activity
Version 1.0
Jack created on 21.10.2016. Last modified 21.10.2016

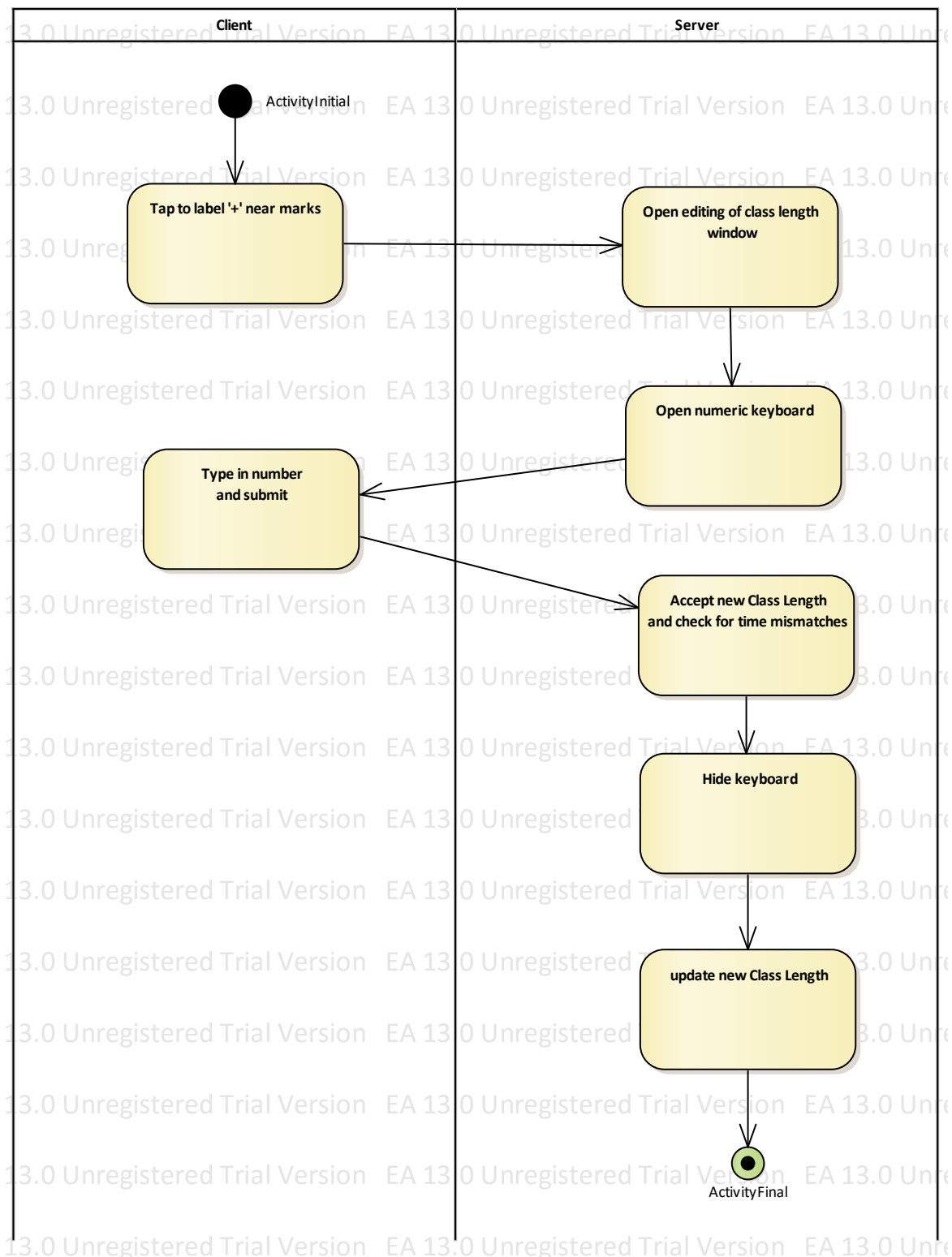


Figure 14: ClassLength Activity

Client

ActivityPartition owned by 'ClassLength Activity', in package 'Use Case Model'

Client
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Tap to label '+' near marks

Activity owned by 'Client', in package 'Use Case Model'

Tap to label '+' near marks
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Type in number

and submit

Activity owned by 'Client', in package 'Use Case Model'

Type in number
and submit
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

ActivityInitial

ActivityInitial owned by 'Client', in package 'Use Case Model'

ActivityInitial
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Server

ActivityPartition owned by 'ClassLength Activity', in package 'Use Case Model'

Server
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Accept new Class Length and check for time mismatches

Activity owned by 'Server', in package 'Use Case Model'

Accept new Class Length
and check for time mismatches
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Hide keyboard

Activity owned by 'Server', in package 'Use Case Model'

Hide keyboard
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Open editing of class length window

Activity owned by 'Server', in package 'Use Case Model'

Open editing of class length window

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016

Open numeric keyboard

Activity owned by 'Server', in package 'Use Case Model'

Open numeric keyboard

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

update new Class Length

Activity owned by 'Server', in package 'Use Case Model'

update new Class Length

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

ActivityFinal

ActivityFinal owned by 'Server', in package 'Use Case Model'

ActivityFinal

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

ClassLength Interaction

Interaction owned by 'Manage classes length and time of start/end', in package 'Use Case Model'

ClassLength Interaction

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016

ClassLength Interaction diagram

Interaction diagram in package 'Use Case Model'

ClassLength Interaction

Version 1.0

Jack created on 21.10.2016. Last modified 21.10.2016

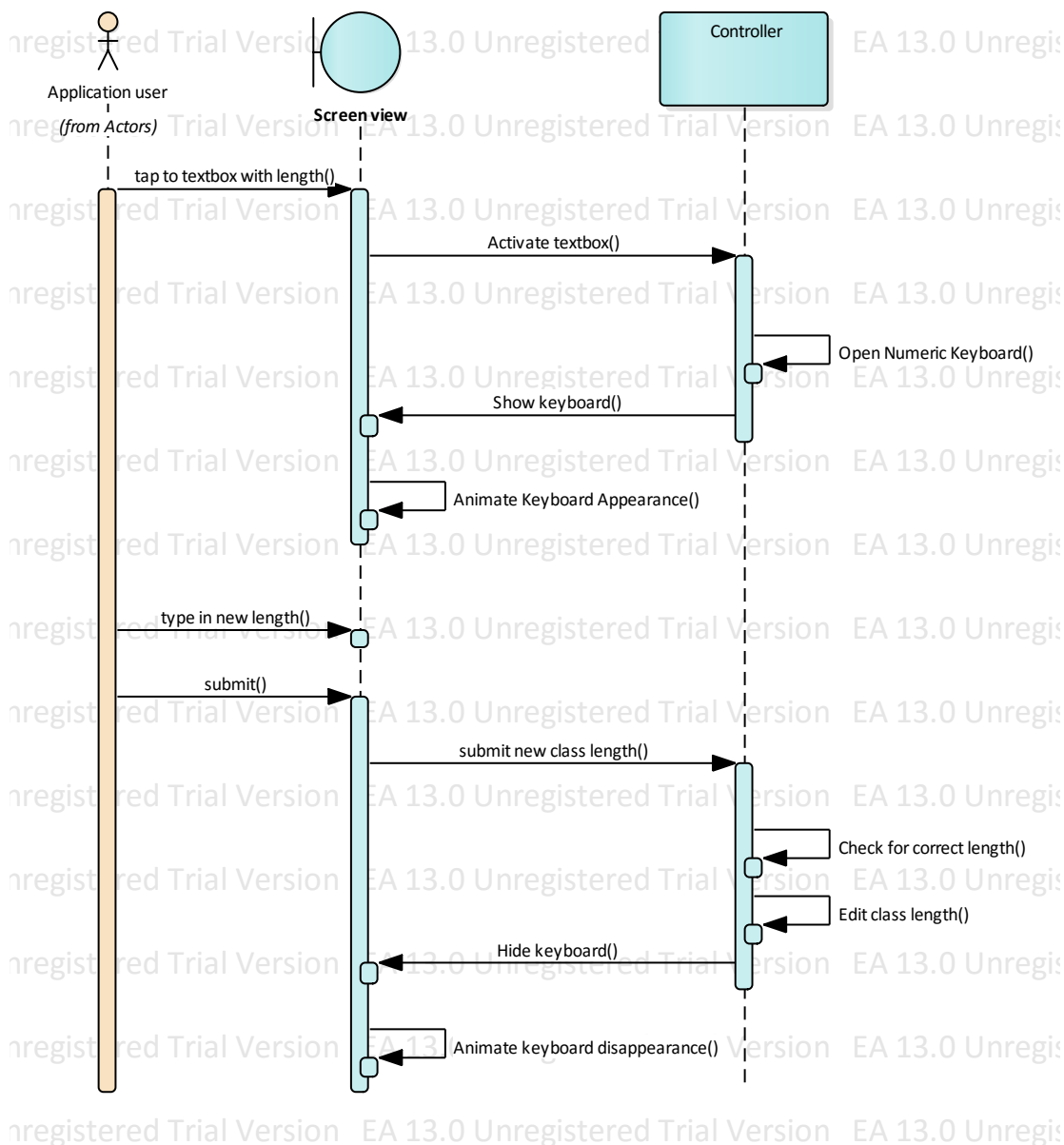


Figure 15: ClassLength Interaction

Controller

Sequence owned by 'ClassLength Interaction', in package 'Use Case Model'

Controller
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

Screen view

Sequence «boundary» owned by 'ClassLength Interaction', in package 'Use Case Model'

Screen view
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

ClassLength StateMachine

StateMachine owned by 'Manage classes length and time of start/end', in package 'Use Case Model'

ClassLength StateMachine
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 28.10.2016

ClassLength States diagram

StateMachine diagram in package 'Use Case Model'

ClassLength States
Version 1.0
Jack created on 21.10.2016. Last modified 21.10.2016

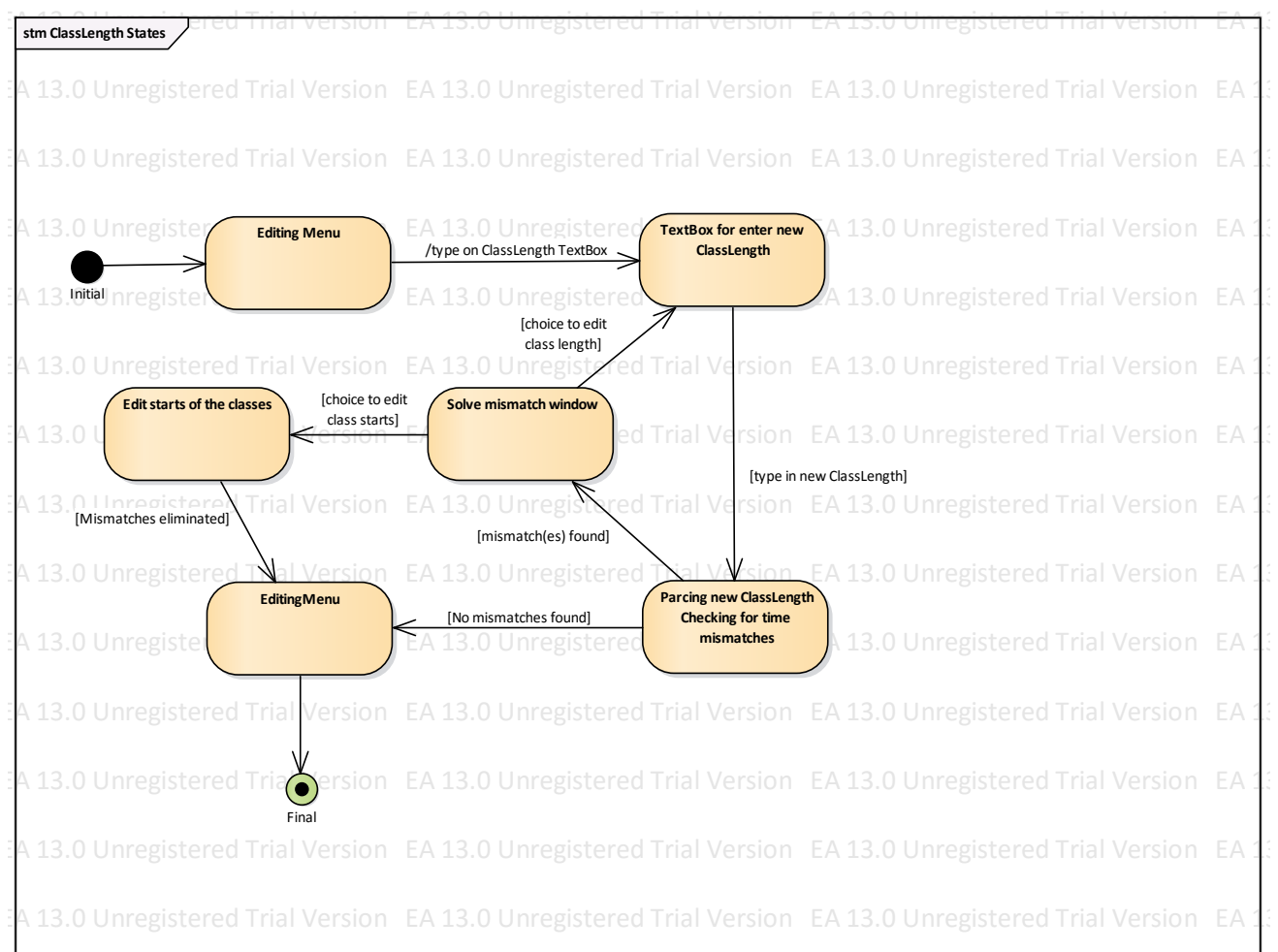


Figure 16: ClassLength States

Edit starts of the classes

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

Edit starts of the classes
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Choice

Choice owned by 'Edit starts of the classes', in package 'Use Case Model'

Choice
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Editing Menu

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

Editing Menu
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

EditingMenu

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

EditingMenu
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Parcing new ClassLength

Checking for time mismatches

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

Time mismatch can happen for example when you set up start of the first and the second class and enter too big Length, so that second class starts before first finishes. In that case you should change length or start of the classes.

Parcing new ClassLength
Checking for time mismatches
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

Solve mismatch window

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

In that window user can choose: to edit class starts or to change length of classes

Solve mismatch window
Version 1.0 Phase 1.0 Proposed
Jack created on 21.10.2016. Last modified 21.10.2016

TextBox for enter new ClassLength

State owned by 'ClassLength StateMachine', in package 'Use Case Model'

TextBox for enter new ClassLength

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

Choice

Choice owned by 'ClassLength StateMachine', in package 'Use Case Model'

Choice

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

Final

Final State owned by 'ClassLength StateMachine', in package 'Use Case Model'

Final

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

Initial

Initial State owned by 'ClassLength StateMachine', in package 'Use Case Model'

Initial

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 21.10.2016

Manage the timetable

UseCase in package 'Use Case Model'

As a rule, it's made once a term.

Manage the timetable

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016

Wach tasks for the subject

UseCase in package 'Use Case Model'

Task list include all tasks of all types for the subject. they might be sorted according to the type (ex.: labs, practice), date of the deadline and priority(high, medium, low)

Wach tasks for the subject

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

Watch Info

about subject

UseCase in package 'Use Case Model'

If The user taps on the subject, the system opens window with info about the subject.

Info includes list of teachers for this subject(name, telephone number, e-mail), list of tasks, list of mark

The user can add, edit or delete tasks, add or delete marks right in this window.

Watch Info

about subject

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 25.11.2016

Watch subject list

UseCase in package 'Use Case Model'

Subject list contains subjects. User can open the subject to watch the full information about it or edit this list (add or delete subjects)

Watch subject list

Version 1.0 Phase 1.0 Proposed

Jack created on 28.10.2016. Last modified 28.10.2016

Watch the marks and the result mark for the subject.

UseCase in package 'Use Case Model'

The marks are shown in the subject menu. The result mark may be an average of all marks or the sum of them.

Watch the marks and
the result mark for the subject.

Version 2.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016

Watch the timetable for the current day

UseCase in package 'Use Case Model'

The user can watch timetable for the current day. Also he(he) can navigate to other days to watch their timetables through swiping to left/right or opening calendar view and selecting the day the user needs.

The view of one day includes the subject of this day with type(for ex. lecture), undone tasks for this type, time and place of class, name of teacher.

The user can add a task or mark to the subject. Also he(he) can open the full description of the subject.

Watch the timetable
for the current day

Version 1.0 Phase 1.0 Proposed

Jack created on 21.10.2016. Last modified 28.10.2016