



Use Case	Register User
Pre Conditions	<ul style="list-style-type: none">User is currently not registered
Description	<ul style="list-style-type: none">User enters relevant data (first name, last name, birthday, password, mail address, type: student (major) or lecuturer (faculty, title))Check for potential duplicate by mail addressShow confirmation
Post Conditions	<ul style="list-style-type: none">User is registered nowUser data is saved persistently

Use Case	Login User
Pre Conditions	<ul style="list-style-type: none">User is registered
Description	<ul style="list-style-type: none">Users enters login data (mail address and password)Validate login dataShow confirmation and welcome page
Post Conditions	<ul style="list-style-type: none">User is loggedg in and has an active session

Use Case	Manage User
Pre Conditions	<ul style="list-style-type: none">User is logged in
Description	<ul style="list-style-type: none">User gets formular/page for managing own dataUser changes data of their choice (same relevant data as "Register User"), including deletion of accountValidate dataEnter user password for data changes
Post Conditions	<ul style="list-style-type: none">User data is changedChanges are stored persistently

Use Case	Manage Premium Features
Pre Conditions	<ul style="list-style-type: none">User is logged inUser is studentUser has a bank account
Description	<ul style="list-style-type: none">User gets information about the current state of premium featuresUser enables/disables premium featuresUser allows/prohibits payment (one time only or as suscription)Transaction at bank system is triggeredShow confirmation
Post Conditions	<ul style="list-style-type: none">User premium status is updatedBank is informedChange are stored persistently

Use Case	Manage Course Participation
Pre Conditions	<ul style="list-style-type: none">User is logged inUser is studentUser has no/failed grade in related module for registration ORUser is currently enrolled for course
Description	<ul style="list-style-type: none">User gets formular for course registrationUser chooses coursesUser confirms the choices for signing in/outAdd/Remove Time Order for User in courseShow Confirmation
Post Conditions	<ul style="list-style-type: none">Course Participation of User is updatedTime Orders are managed according to updatesChanges are stored persistently

Use Case	Read and Analyze Statistics
Pre Conditions	<ul style="list-style-type: none">User is logged inUser has correct permissions for requested statistic depending on User type and premium features
Description	<ul style="list-style-type: none">User chooses statistic of interest (about themself or global anonymized statistics)User gets data about the requested topic as confirmation
Post Conditions	

Use Case	Manage Time Order
Pre Conditions	<ul style="list-style-type: none">User is logged inUser has access to own (and own course related) Time OrdersUser is student
Description	<ul style="list-style-type: none">User gets overview page about own time orders (with options for create, read, change, delete)User edits start/end/both of Time OrderUser confirms changes (if present)Show confirmation
Post Conditions	<ul style="list-style-type: none">Time Order data is changed (for create, change or delete)Changes are stored persistently

Use Case	Manage Module
Pre Conditions	<ul style="list-style-type: none">User is logged inUser is lecturer
Description	<ul style="list-style-type: none">User gets overview page about own modulesUser edits Module dataUser confirms changes (if present)Show confirmation
Post Conditions	<ul style="list-style-type: none">Module data is changed (for create, change or delete)Changes are stored persistently

