

Requirements

User account

- Users shall register to application.
- Registration shall require an user name, e-mail address and password.
- Users shall login to use application.
- Login shall require user name or e-mail address with correct password.
- User shall be able to sign out.
- User accounts shall have profile page.
- Profile page shall have info section.
- Profile page shall have avatar.
- Badges defined in a learning space shall be shown in profile page.
- User accounts shall have avatar selection option.

Learning Space

- Users shall be able create a learning space.
- Learning space shall have
- Users shall be able to join a learning space.
- Joining learning space shall be free of charge.
- Creators shall control which other user can join their learning space.
- Creators shall control posting authorization of their learning space.
- Creators shall be able to post videos on their learning space.
- Creators shall be able to post slide presentations on their learning space.
- Users participating in a learning space shall have a communication channel between them.
- Users in a learning space shall be able to create quiz for other users in learning space.
- Quizzes shall have multiple-choice selection, gap filling with multiple choice and yes or no questions.
- Correct answers shall be defined by the user who creates the quiz.
- Learning space shall be able to have badges.
- Badges shall be able to be created by owner of learning space.
- Badges shall be able to appointed to users in learning space.
- Learning space shall have calender section.

- Users in learning space shall be to arrange or suggest an online meeting in the calendar section.
- Online meeting suggestions shall be responded by users in learning space.
- Responses of online meetings shall be one of these selections: accept, decline or tentative.
- Videos shall be shareable in leaning space.
- Pictures shall be shareable in learning space.
- Users shall be able to post in learning space.

Searching and categorizing learning space

- Learning space shall have categorization labels.
- There shall be a search bar for finding learning spaces.
- Search bar shall find and display related learning spaces with the word searched for.
- Search algorithm shall have semantic learning algorithm.
- Semantic learning algorithm shall be able to find and suggest related learning spaces that have semantic relation with the word searched for.