**Access Demy**

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# Abstract

Udemy is a course website. Each member of the website can either create their own course or make something else interesting.

Blind people are not eligible to follow to course of Udemy because the content is msotly about visual elements. If it was possible to create text read by blind people, it would be profitable for them. Moreover, people with good acuity could copy and paste code of courses. This app is a clone of Udemy but in an accessible version.

Here we propose a solution to help people with disabilities to learn in many fields.

# Specification document

## Visitors

Visitors can go to the website. They are eligible to watch courses, to read news, to chose to buy a course. If they buy a course, they will be registered to save this data. An email will sent with the bill of the payment.

## Members

Members are identified by :

* First name
* Last name
* Address
* Login
* Password
* Avatar

They can be connected or

* Status : each member has his status
* Normal member
* News reader
* News editor (and news reader so)
* Banned

## News

Every news writer or news editor can create new news. That news will be read in the principal thread of the website. Anyone can look for a news. Only registered members can react to the news.

## Courses

Every member can create his own course. If a admin validate the course, it will be available for the other members. Member can look a demo of few courses. After that, he must pay the premium access to watch all the classes. He can cancel the premium access within 30 days, or it would not be refundable.

Any theme can be possible for each course. Only the administrator can edit that list to let the possibility to create new kind of videos. A created kind of video could not be deleted by the administrator for safety reasons.

Any course can be rated by a member. It can add a comment to describe the quality of the course. The conceptor of the course can read the new comments by receiving an alert.

## Lessons

Lessons can either be a video or a text. If this lesson is a video, subtitles must fit with the video. The text himself will be checked for accessibility or it will be said to the user to edit that to be usable for blind people.

Any lesson can be commented. A moderator or an admin can filter those. Moderator can forbid user to write comments. Admin can ban member if the comment is very wrong. The user will not be reimbursed at all !

## Subtitles

Any lesson has subtitles, readable in the same rhythm than the video. If the individual is blind, the video could be stopped with a shortcut. His braille board will be able to read all the content of the video.

## Languages

There will be only one language for the moment, but it may be multilingual in the future.