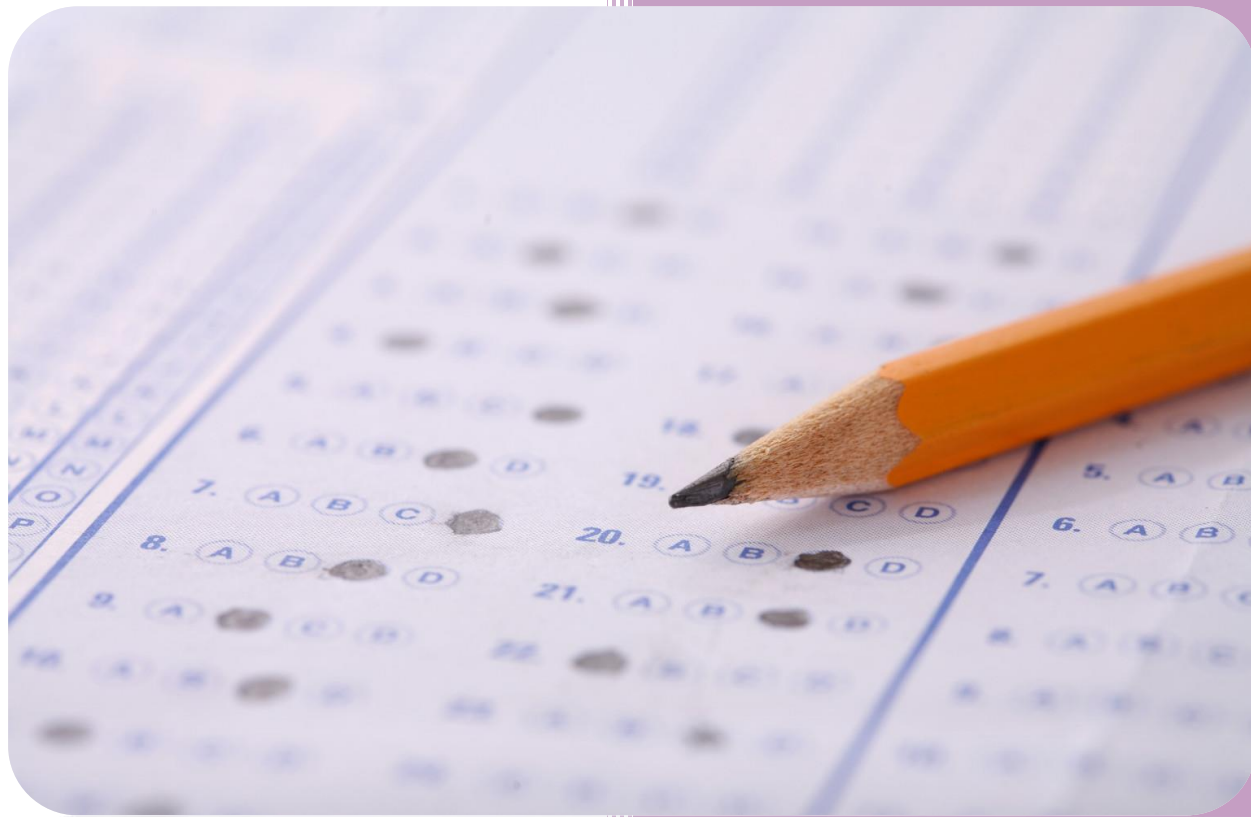


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# Newdle System - Vision



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## Introduction

The **Newdle System** is a web learning application, which help to teachers to evaluate students, manage the course effects, and provide a virtual environment in order to manage the information of courses. Also, it helps to create an online learning community, this type of technology platforms are called LCMS (Learning Content Management System).

## Positioning

### Problem Statement

The problem of	Incompatibilities between different platforms. Include new functionality according to the new polish normative in the evaluation criteria. Difficult to prepare the test according to the own format and evaluate to the student with the same criteria.
Affects	Students, teachers, dean secretary, rector
the impact of which is	The students have to wait very long time for the marks. The teachers need to expend lots of time to adapt the application to the own necessities The teachers need to export the information to make it compatible with Edukacja. The dean secretary have to change the fails detected, sometime out of date.
a successful solution would be	Auto-score in real time, user friendly system, reduce errors and time expended and automatic reports and statistics about effects presented to the teachers in different diagrams (average, media, sum, etc.) related to the success answers in different questions made by the students.

## Product Position Statement

For	Politechnika Wrocławska
Who	Wants to improve the evaluation system to the students
The (product name)	Newdle
That	Totally compatible system with Edukatka, with a usable interface to test the students automatically. Provide to the teachers different kind of statistics about the results of the students in the different tests in each faculty.
Unlike	Moodle, Edmodo LMS, Studifi, myVLE
Our product	Compatible with Edukatka System. Showing different diagrams and statistics using simple formulas Real time updates to changes in the evaluation criteria.

# Stakeholder Descriptions

## Stakeholder Summary

Name	Description	Responsibilities
<b>Dean secretary</b>	Person who work at the University.	Manage the information in the system. Insert and correct mistakes
<b>Rector</b>	Person who manage of the University	Responsible of all legal aspects

## User Summary

Name	Description	Responsibilities
<b>Teachers</b>	Person who work at the University	Prepare the test with the questions. Prepare the course effects inside each faculty Define the evaluation criteria. Evaluate the exams.
<b>Students</b>	Person who is enrol in the subject	Fill up the exam. Upload files to the system. Consult the grades of the tests in each course
<b>Administrative Stuff</b>	Person who manage the information about accounts related with the University	Manage student's accounts Manage teacher's accounts Manage the course's information

# Product Overview

## Needs and Features

Need	Priority	Features	Planned Release
<b>Teacher need a support in administrative tasks</b>	Must	Export to Edukacja system System based in a tree structure (Faculty Effects, Course Effects and Questions) Automatic test Evaluation of Results	1.0
<b>Teacher needs to know if all the Faculty and Course Effects are covered</b>	Must	Applied algorithms to calculate different statistics	1.0
<b>Teacher needs to upload the different tests</b>	Must	Define test's information Add evaluation criteria Include open and close questions in the test	1.0
<b>Teacher can upload different material and resources about the course</b>	Should	Create different folders and categories Upload files with the content of the lectures	1.0
<b>Students have to be able to access to the course's resources</b>	Must	Access to different folders and categories	1.0
<b>Students must to be able to fill the questions of the tests</b>	Must	Access to the test Fill-up, save and send the answers	1.0
<b>Students need to know the result of the test as soon as be possible</b>	Should	Automatic test Evaluation Results	1.0
<b>Administrative Staff have to manage information about students, teachers and courses</b>	Must	CRUD (Create, Read, Update and Delete) course's information CRUD account's information	1.0

## Non-functional Product Requirements

Requirement	Priority	Planned Release
<b>Availability (The System must be availability at least at 95% for every day)</b>	Must	1.0
<b>Usability (The System have to be easy to use by inexperienced users )</b>	Should	1.0
<b>Efficiency (The System have to resolve the different algorithms applied in order to display the statistics around 1 minute)</b>	Should	1.0
<b>Interoperability (The System should permit to export the information to make it compatible with Edukacja.pl)</b>	Must	1.0
<b>Robustness (The System must works even if something wrong happen in the 74% percentage of the access. Eg: Fail the Internet connection)</b>	Must	1.0
<b>Reliability (The System cannot lost any test)</b>	Must	1.0
<b>Security (The System mustn't permit the access by unauthorized person in 90% of attempts)</b>	Should	1.0
<b>Organizational requirement (The interface web have to follow the same guide style that the University of Wroclaw web)</b>	Could	1.0