ICES4HU
Vision

1. Introduction

The purpose of this document is to outline the foresight of the ICES4HU system. It highlights the problems to solve, needs of the user, purpose of the system, its features, use-cases and business opportunities. The vision document will draw an outline for the requirements of the system that will be developed.

2. Positioning

2.1 Problem Statement

The problem of	Understanding how well instructors and courses are meeting the learning needs of their students.
affects	students, instructors, and department managers at Hacettepe University
the impact of which is	A non-effective teaching approach, lack of direction in modifying or improving a course/curriculum and misalignment of instructors' teaching methods and students' learning needs.
a successful solution would be	Help instructors develop, modify and improve their courses as well as their teaching methods. Help Departments evaluate instructors' teaching effectiveness each year and improve their curriculum.

2.2 Product Position Statement

For	Hacettepe University students, instructors, department chairs, faculty managers, and university committees.
Who	Want to evaluate courses and teaching methods.
The product	ICES4HU is a web application
That	Provides an online platform to view and evaluate courses and instructors all in one place.
Unlike	Traditional pen and paper evaluation forms and BILSIS.
Our product	ICES4HU provides a combination of extraordinary convenience, speed, UI, and simultaneous access.

3. Stakeholder Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Admin	The administrator of the system. Has access and rights to every module of the system.	Manages enrollments of other users to the system. Takes requests from the users of the system. Monitoring the system. Protecting the user's information. Manages all system functionalities
Department Manager	End-user with certain privileges and access to management functionalities.	Views each user's response for the survey. Assign instructors. Supervises survey creation and submissions
Instructor	End-user with special permissions and access to more functionalities than students.	Creates surveys. Manages surveys. Examines results of the surveys.
Student	End-user with special permissions and limited access to system functionalities and modules.	Access surveys. Answer surveys.
Software Project Manager	Software project manager plans out the project and makes sure that the project is continuing according to the plan.	Sets goals to complete. Plans the project Monitors the project. Encourages the team members. Manages the communication between the team members.
Software Architect	Software Architect makes high-level design choices and plans the software tools that will be used.	Makes high-level design choices. Leads the developer team. Provides architectural plans for the software. Gives software solutions.
Software Analyst	A Software Analyst is the person who is responsible for deciding the software application domain, software requirements and specification.	Analyzes the performance results. Performs requirement analysis. Monitors the development process. Analyzes the changes made.
Software Configuration Manager	Software configuration manager provides the necessary infrastructure and environment for the development team.	Writes the CM plan. Reports the progress of the system development. Reports change requests. Removes the defects from the team's environment.

Name	Description	Responsibilities
Software Tester	Software tester is an individual that tests software for bugs, errors, defects or any problem that can affect the application in any form.	Executes test on software usability. Analyzes test results on database impacts, errors or bugs, and usability. Implements individual tests. Prepares reports on all aspects related to the software testing carried out.
Developer	Developer is responsible for implementing the system.	Writes the source code. Implements the system. Creates necessary functions and classes. Meets the system with its requirements.

3.2 User Environment

- This project is a web application that will be used on desktops with all browsers.(Safari, Firefox, Edge, Chrome etc.).
- Since the system is a website, it will require an Internet connection.
- The system will not include any third party services such as payment services.
- The client will need the help of the admin to enroll in the system and specify their account type.
- On the backend of the website, an integrated server will be used continuously.
- UI of the system would be as the following:
    - The task cycle will start when a user logs in to the system.
    - Then, the user will be directed to the website. From there, the task cycle of each user type differs.
    - Students will view the existing survey that they need to complete. After the surveys are done, they can log out from the system.
    - Instructors will create surveys and will get the results of them when the time for answering the surveys are over.
    - Admin will monitor the process of creating and the survey and will take action if it sees any problem.
    - Department managers will assign instructors to the system and they will act upon the results of the assigned instructors.
    - They also can see specific answers given by the students (who answered what).

4. Product Overview

4.1 Needs and Features

Table below explains the overall need and features of the system.

Need	Priority	Features	Planned Release
Account Management	Moderate	Users can edit their account information. Admin can edit account information for all users. Account creation.	2-3 weeks
Authorization	High	Sign in & Sign out	2 weeks
Academic Semester Management	Low	Admin adds courses to a semester and sets a start and end date for the semester.	1 week
Enrollment Request Handling	Moderate	Students send enrollment request to the admin Admin takes and handles enrollment requests sent by students	1 week
Instructor Assignment	Moderate	Department managers see a list of courses and instructors and assign an instructor for each course.	2 weeks
Evaluation Forms	High	Instructors create an evaluation form and can add additional questions. Students fill out the evaluation forms in a specified time and evaluate the course and instructor.	2-3 weeks
Evaluation Results	High	Instructors will be able to view and download their evaluation results along with some statistics. Students can view their submitted forms Department managers can view evaluation results for every course and instructor in their department	4-5 weeks

5. Other Product Requirements

5.1.1 Applicable Standards

The application complies with the standards of a web application.

5.1.2 System Requirements

The system must be able to run on a web browser.

5.1.3 Hardware Requirements

None specified.

5.1.4 Platform Requirements

None specified.

5.1.5 Performance Requirements

The system must be fast and smooth. Response time must be minimal.

5.1.6 Environmental Requirements

None specified.

5.2 Documentation Requirements

5.2.1 User Manual

The user manual must be provided for users to learn how to use the application. It must include:

- Sign up & Login
- All System Functions
- User Support

5.2.2 Installation

The system will be accessed via web browsers, so there will be no installation.

5.2.3 Labeling & Packaging

The system will be accessed via web browsers, so there will be no labeling and packaging.

Quality Ranges

Availability: The ICES4HU student instructor course evaluation system will be available to use 24 hours a day, 7 days a week without any problems.

Usability: The system should be easy and user friendly to use, suitable for students, the department manager and the instructors to use seamlessly without any problems.

Constraints: The system should not require any hardware development or procurement.

Maintainability: The web application should be designed for ease of maintenance. All data should be stored and manipulated in an appropriate database with the most efficient data structure.

Requirement	**Priority**	**Planned Release**
Determining the use case steps that students will follow to complete their course evaluation.	High	3 weeks
Determining the use case steps that instructors will follow to complete their course evaluation form creation.	High	3 weeks
Preparing user manuals that will help new users with using the system.	Normal	2-3 weeks
Preparing frequently asked questions that will help to deal with common problems and answer repetitive questions.	Normal	2 weeks
Publishing terms and conditions that will provide clarity about what should happen in any given situation.	Low	4 weeks