

LinkedHU_CENG	
Vision	Date: 02/03/2022

LinkedHU_CENG Vision

1. Introduction

This document is about the Project Vision of the LinkedHU_CENG system. This document includes below the followings:

- Problem Statements
- Stakeholders
- Requirement Analysis
- Project steps and Priorities

2. Positioning

2.1 Problem Statement

The problem of	<i>Making it easier for Hacettepe University Computer Engineering Department students (Undergraduate students, Graduate students, PhD students and Exchange Students), alumni and academics to communicate with each other online</i>
Affects	<i>Hacettepe University Computer Engineering Department students (Undergraduate students, Master students, PhD students and Exchange Students), graduates and academics</i>
The impact of which is	<i>Causes disconnection between students, graduates and academics</i>
A successful solution would be	<i>It prevents disconnections between students, graduates and academics, can help newly graduated students in the field of business, and provide opportunities such as internships to undergraduate students.</i>

2.2 Product Position Statement

For	<i>Hacettepe University Computer Engineering Department students (Undergraduate students, Master students, PhD students and Exchange Students), graduates and academics</i>
Who	<i>Whoever wants to communicate directly with Hacettepe University Computer Engineering students, alumni and academics</i>
The LinkedHU_CENG	<i>is a communication application</i>
That	<i>Easy to communicate and department communication have a private network</i>
Unlike	<i>LinkedIn is a more advanced and known application</i>
Our product	<i>User group is specific to Hacettepe University Computer Engineering.</i>

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3. Stakeholder Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
<i>Software Project Manager</i>	<i>The Software Project Manager oversees the whole process by establishing and tracking targets.</i>	<ul style="list-style-type: none"> - Create Project Plan - Set Goals - Track the Goals - Modify the project plan based on tracking feedback - Time Management - Budget Allocation and Cost Estimates
<i>Software Architect</i>	<i>Software systems and applications are designed and developed by Software Architect. Acts as a high-level decision-maker in the process, deciding on anything from design decisions to technical requirements like platforms and coding standards.</i>	<ul style="list-style-type: none"> - Creating software applications - Providing guidance and mentorship to the development team - Keeping track of the project
<i>Software Tester</i>	<i>A software tester ensures that the products, applications, and systems are in good working order.</i>	<ul style="list-style-type: none"> - Examining and assessing system requirements - Running test scripts and analyzing the results - Documenting and reporting technical concerns
<i>Software Configuration Manager</i>	<i>This is a method of tracking and regulating software modifications at each stage. This process records and reports changes in the product's requirements, design, functionality, and development. We can simply control any changes made</i>	<ul style="list-style-type: none"> - Keeping track of any new needs or changes at each stage - Defining the logic and integrations - Process management and reporting

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Name	Description	Responsibilities
	during the development process with the aid of Software Configuration Management.	
Software Analyst	The software analyst serves as a link between software consumers and developers.	<ul style="list-style-type: none"> - Analyzing software user needs and communicating them to the development team - Ensuring that the resulting product meets the criteria
Software Developer	Interested in the software aspect of the system's coding and implementation.	Maintaining and updating current systems, as well as researching, creating, implementing, and managing software programs
User	A user of the website could be a student, a graduate, or an academician.	Users can interact and socialize with each other using the website
Admin	Admin is the role with the highest level of access to the system.	Organizes and manages websites and users

3.2 User Environment

In general, we're working on a social website that gives users a lot of options. There could be three profiles for users. Students, graduates, and academics make up these profiles. Students could be bachelor's, master and phd students. Because these users lack a common social website and are unable to communicate with one another, our primary goal is to accomplish this and allow users to socialize. There is currently a linkedin website, but it is very general and has a wide range of users. We want to create a website specifically for our school so that we can communicate with other students, academics, and graduates more easily. We're also considering adding an online meeting feature to our website. Another app, such as Zoom or Microsoft Teams, is required for this feature. So we'll use another app and integrate our website with this app, but we haven't decided which one yet. In conclusion, we believe that this website is exactly what our school requires.

4. Product Overview

4.1 Needs and Features

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Need	Priority	Features	Planned Release
Creating admin and user profiles	1	Register, searching users ,viewing user information	08/04/2022
View scholarships, internships and job advertisements Add scholarship announcements, add & manage job advertisements	2	Adding and removing internships or scholarships advert Applying for the advert	08/04/2022
Request for lecture notes, lecture videos, articles, conference papers and any other materials	3	A tool for students to request lecture notes, lecture videos, articles from academics	18/04/2022
Add new event	4	Activities for the improvement and socialization of students	29/04/2022
Communicating with each other	5	Chatting	03/05/2022
Online meeting system	6	A platform with video and chat with multiple people	13/05/2022
Admin can apply sanctions based on other users' activities	7	Access of Admin to privileges so that users do not abuse their authority	13/05/2022

5. Other Product Requirements

Requirement	Priority	Planned Release
User friendly and responsive interfaces using React Framework	4	18/04/2022
MySQL Server Located On Local Server	3	18/04/2022
Java Spring API Hosted On Local Server	2	18/04/2022
Stable architecture	1	13/05/2022
Determined response time constraints must be satisfy	5	13/05/2022
Security of API Endpoints	6	13/05/2022

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