LinkedHU\_CENG

Vision*.*

# Introduction

The purpose of this document is to describe the core essence and overall objective of our software product. It sets the direction for where LinkedHU\_CENG is going and what it will deliver in the near future.

# Positioning

## Problem Statement

| The problem of | Hacettepe University Computer Engineering Department not having an online system |
| --- | --- |
| affects | students (Bachelor’s students, Master students, PhD students and Exchange Students), graduates and academicians at Hacettepe University Computer Engineering Department |
| the impact of which is | students, academicians and graduates at Hacettepe University Computer Engineering Department are lacking in communication and not creating opportunities. |
| a successful solution would be | an online system where users have their own pages, can communicate and share with each other |

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## Product Position Statement

| For | students, graduates and academicians at Hacettepe University |
| --- | --- |
| Who | want to connect with each other |
| LinkedHU\_CENG | is a web based online networking platform |
| That | enables users easily make contact with each other and share job opportunities |
| Unlike | Linkedin |
| Our product | will provide new functionalities and an easy-to-use interface. |

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# Stakeholder Descriptions

## Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| **Software Project Manager** | The Software Project Manager plans every step of the software projects and guides the team. | > Activity and resource planning  > Budgeting and cost estimating  > Scheduling  > Managing reports and documentation  > Monitoring |
| **Software Analyst** | Software Analysts provides analysis, design, documentation and testing on projects with moderate control. | > Planning and facilitating user design sessions  > Creation or review of user documentation for projects  > Analyzing the requirements and communicating them to the development team |
| **Software Architect** | Software Architect makes high-level design choices and frames the technical standards such as tools, software coding standards or platforms to be used | > Designing software solutions  > Choosing and evaluating technical standards  > Documenting  > Coaching and mentoring |
| **Software Configuration Manager** | The Configuration Manager controls all changes in documents, code, and other entities during the development process. | > Preparing configuration management plan  > Configuration reporting  > Define versioning, baselining, build and release procedures |
| **Software Tester** | A software tester assures the correct operation of systems by detecting bugs, defects, or any problem. | > Reviewing software requirements and preparing test scenarios  > Executing tests on software usability  > Analyzing test results on database impacts, errors or bugs, and usability |
| **Students** | Students are team members who stand different tasks, primarily software developers. | > Completing the requirements of this process  > The timely production of the outputs of this process |
| **Teaching Assistants** | Teaching assistants are supervisors of the project. | > Timely evaluation and feedback of outputs produced by students |
| **Instructors** | Instructors are the general coordinators of projects. | > Solving possible problems that may occur between teaching assistants and students |
| **Administration** | Admins manages the system and they are authorized. | > Managing member accounts, news and announcements, the schedules of online meetings and events.  > Ban users if they use slang words. |
| **Users** | Users are students, graduates, and academicians. They can connect with each other. | > When enrolling, be sure to provide correct information.  > Following code of conduct and ethics |

## User Environment

This system will be suitable for Hacettepe University Computer Engineering Department students, graduates, and academicians who wish to connect with each other. Users can use a computer to access the program. Because the project is a web-based application, it must be accessed via the internet.

# Product Overview

## Needs and Features

| **Need** | **Priority** | **Features** | **Planned Release** |
| --- | --- | --- | --- |
| Users in Hacettepe can register in the system. | High | Enrollment | Release 1 (Week 6) |
| User can login with username and password | High | Login | Release 1 (Week 6) |
| User editing their own profile | High | Profil Page | Release 1 (Week 6) |
| User can share announcement posts | Medium | Sharing | Release 2 (Week 8) |
| Users can comment on a shared post | Low | Commenting | Release 2 (Week 8) |
| The user can follow the internship/job posts and apply | Medium | Internship/Job | Release 3 (Week 11) |
| User can send email to everyone registered in the system | Low | Announcement authority | Release 3 (Week 11) |
| User can upload file | Medium | Upload | Release 3 (Week 11) |

# Other Product Requirements

| **Requirement** | **Priority** | **Planned Release** |
| --- | --- | --- |
| The interface should be as smooth as possible | Medium | 11th week |
| The system should work in an acceptable time | High | 11th week |
| The system must work on a browser that is designed for use on a desktop computer | High | 11th week |
| The application should be compatible with the web application standards | Medium | 11th week |
| All data should be stored and manipulated efficiently | Medium | 11th week |
| User manual for the web application should be prepared | Low | 11th week |
| All security problems that users may face must be handled | High | 11th week |
| The application should be stable | High | 11th week |