**INITIAL PLAN**

***for***

**ARTICLE SYSTEM**

***Prepared By***

***YCNB TEAM***

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CHANGE HISTORY

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PREFACE

The document contains the Initial Plan of ARTİCLE SYSTEM. The mission of the project is a web-based. The Goal of the initial plan is to describe overall picture of the ARTICLE SYSTEM.

**TABLE OF CONTENTS**

[CHANGE HISTORY i](#_Toc527395309)

[PREFACE ii](#_Toc527395310)

[TABLE OF CONTENTS iii](#_Toc527395311)

[1 OVERVIEW 1](#_Toc527395312)

[1.1 Project Summary 1](#_Toc527395313)

[1.1.1 Purpose, Scope and Objectives 1](#_Toc527395314)

[1.1.2 Assumptions and Constraints 1](#_Toc527395315)

[1.1.3 Project Deliverables 1](#_Toc527395316)

[1.1.4 Schedule and Budget Summary 1](#_Toc527395317)

[1.2 Evolution of the SPMP 1](#_Toc527395318)

[2 References 2](#_Toc527395319)

[3 Definitions 3](#_Toc527395320)

[4 Project Organization 4](#_Toc527395321)

[4.1 External Interfaces 4](#_Toc527395322)

[4.2 Internal structure 4](#_Toc527395323)

[4.3 Roles and Responsibilities 4](#_Toc527395324)

[5 Managerial Process Plans 5](#_Toc527395325)

[5.1 Staffing Plan 5](#_Toc527395326)

[5.2 Resources Acquisition Plan 8](#_Toc527395327)

[5.3 Project Staff Training Plan 8](#_Toc527395328)

LIST OF FIGURES

**Figure 1:The External Structure of the Project Developing Organization………..6**

**Figure 2:The Internal Structure of the Project Developing Organization………..6**

LIST OF TABLES

**[Table-1:Schedule of Project](#_Toc8618) 3**

**[Table-2:Roles and s and Responsibilities of Members](#_Toc8618) 5**

**[Table-3: Acquisition Plan](#_Toc8618) 8**

**[Table-4:Staff Training Plan](#_Toc8618) 8**

# OVERVIEW

This document is prepared in accordance with the Institute of Electrical and Electronics Engineers (IEEE) Recommended Practice for Software Project Management Plan, IEEE Std 1058-1998 [2].

## Project Summary

### Purpose, Scope and Objectives

**1.1.1.1 Purpose**

The purpose of this project is to develop a web-based application, ARTICLE SYSTEM, which will establish the article reading easily on the web.  
Usually, researchers and students or everyone to interest in article can not research all the resources and in a short time.The prevents time loss.The articles are scattered on each site. Article sites include some kind of title. Not all of them. But we will do web-site include each content. So we will be able to save more time, more environment and more resources.

**1.1.1.2 Scope**

The system will be design like library. Users can find every kind of title and every kind of article easily.

User interaction in this system will be provided via web pages. User will choose the topics and the system will research every web site and research information detaim will be presented on a web page.

We are responsible fort he updating of the article information. They will shareown article by using web pages. The system will provide appropriate forms, interface to collect, store these data, bring these data fastly and updating data.

The development enviroment will be .net core enviroment. In addition, we will use data mining technique and will do web crawling and web scraping.

The software product to be developed in the scope of this project is an “Article System”, which will be a web based application supporting an interactive environment for the people.

**1.1.1.3 Objectives**

At the end of the project, Article System will support the following functions:

* Articles will be a single site offers
* There will be 3 users input as admin, printer and reader.

Readers can:

* Log in and read the article and comment on the article.

Writers can:

* Authorized to write articles and read articles.

Admin can:

* Admin has all the privileges. Comments get admin approval before entering the system.Admin can delete and add comments.

### Assumptions and Constraints

The assumptions of the project are;

* The Article System consists of 3 (three) people where each person will work every week.
* There is not any budget to use in the project.
* The admin will provide necessary feedback to comments.
*  Update of the article system database is made by authorized person.
* Our system will update for the log made by databases.System will give to userid for prevent the duplications.
*  All users have Internet connection.
*  All the users are responsible for the truth of their information.
* The Constraints of the project are;
* The application program will work on all platforms that support internet
* browser.

The constraints of the project are;

* The application program will work on all platforms that support internet

browser.

* There will be no income.
* Project group consists of four students.Every student will work for the project every week.
* This structure of the project brings its own difficulties, namely the communication between group members is a major problem.

### Project Deliverables

Schedule of deliverables with respect to the stated delivery dates on the IS 502 course web page is given in Table 1. The documents will be delivered in Microsoft Word 2000 format.

**Table 1 - Project Milestones**

|  |  |  |
| --- | --- | --- |
| **PRODUCT NAME** | **DESCRİPTION** | **DELİVERY DATE** |
| Problem Statement | Define the problem | Oct,12 2018 |
| Initial Plan | Determine the managerial and technical process | Oct,23 2018 |

### Schedule and Budget Summary

Schedule of all work products with respect the dates on the course web page is given in Table1.There is no budget.

## Evolution of the SPMP

This is the first version of the Initial Plan.

# References

1. IEEE Std 1058-1998, IEEE Standard for Software Project Management Plans
2. https://abs.cu.edu.tr/Dokumanlar/2018/CEN421/820130064\_initial-plan\_example.pdf

# Definitions

Root: Administrator account of Article SYSTEM.

SDD: Software design document. The representation of software system for communicating the software design information.

SPMP: Software project management plan. The controlling document for managing the software project.

SRS: Software requirements specification.

Subcontractor: The company, which carry out the quality assurance of the project. .

User: The students, instructors, acquirers and the root.

# Project Organization

This section identifies the interfaces to organizational entities external to the project, describes the project’s internal organizational structure and defines roles and responsibilities for the project.

## External Interfaces

## 

Group Syswriter

## 

Users

Article System

Lecturer

***Figure 1:The External Structure of the Project Developing Organization***

**List Of Responsible People to Contract:**

Lecturer: Havva Esin Ünal

Gruop Syswriter: Anıl Kuşçu,Ebru Sarı,Kübra Gül Yüreğir,Rahime Gülfem Işık.

Users: People who wants to read/write article.

## 4.2 Internal structure

***Figure 2:The Internal Structure of the Project Developing Organization***

**Project Management Department:**

**Requirements Analysis Team:** is responsible from collecting and documenting the system requirements as a whole.

**Design Team:** is responsible from front end design and how the required system functionality is to be provided.

**Coding Team:** is responsible from back end and realizing the products designed.

**Testing Team:** is responsible from verifying that the developed system represents the requirements in a complete and correct manner.

**Report Team:** is responsible from preparing the system documentations intended for different audiences.

## Roles and Responsibilities

|  |  |  |
| --- | --- | --- |
| **Name** | **E-mail adddress** | **Roles& Responsibilities** |
| Yahya Güngörür | yahyagungorur@gmail.com | Programmer  Requirements engineer  Test Engineer |
| Ceyda Eren | Ceydaeren2013@gmail.com | Programmer  Test Engineer  Report Printer |
| Neslihan Ak | Neslihanak001@gmail.com | Project Manager  Programmer  Test Engineer |
| Beste Deniz | Bestee-deniz@hotmail.com | Head of Design Team  Report Printer  Programmer |

Table 2:Roles and Responsibilities of Members

# Managerial Process Plans

## Staffing Plan

Since ARTICLE SYSTEM has only three members, all the members will work in every phase oft he project.

## Resources Acquisition Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SOFTWARE** | **NAME** | **VERSION** | **SOURCE** | **DATE** |
| Development Tool | Microsoft Visual Studio 2017 | 15.8 | Microsoft | 21.10.2018 |
| DBMS | Microsoft SQL  Server Management System | 2016 | Microsoft | 21.10.2018 |

Table 3: Acquisition Plan

## Project Staff Training Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subject** | **Start** | **End** | **Trainer** | **Method** |
| C# & Standarts | 10.10.2018 | 20.10.2018 | Yahya Güngörür&Neslihan Ak | Lecture |
| MVC &Design | 10.10.2018 | 20.10.2018 | Beste Deniz&Ceyda Eren | Lecture |

Table 4: Staff Training Plan