Cyprus International University

Faculty of engineering
Department of Software Engineering
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**Masked Face Recognition System (MFR)
End Report**

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V1

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1.0 Statement of Purpose

The purpose of this document is to provide a summary of the different project management methods and techniques that have been used over the life cycle of the project. This document includes (a) a statement indicating whether the project objectives were met, (b) an indication of whether the budget and schedule were as planned, (c) a list of the changes that were approved during the project life cycle, (d) an analysis of all the quality work performed, (e) a description of the customer acceptance process, (f) a description of how any contracts were terminated, (g) a summary of the project management plan, (h) an indication of when the post implementation review will be conducted, and (i) a list of the different project documents that will be archived.

2.0 Achievement of Project Objectives

Project objectives

- Find a solution to recognize masked faces.
- Find alternative authentication method based on touch less.
- Decentralization of processing the data.

Project outputs:
- Masked Face Recognition System.
- Alternative authentication method, RFID system.
- Blockchain connection to data transfer and validation

3.0 Project Performance

Cost: In the cost estimation was 1880TL but in face the project costs us 2127TL

Time: The project was done on the time without any changes

4.0   Approved Changes

One of the team members left the team, the tasks assigned to each team member were restructured by dividing the tasks of the member who left on the rest of the team members to complete the project within the specified time.

5.0   Quality Analysis

Since the start of the project, certain restrictions have been placed regarding the quality of the product so that the product is able to carry out its function with an error rate that does not exceed 10%.

Hardware parts have been carefully selected so that we have chosen original and high-quality parts to avoid errors in the system

The software team and the quality assurance team were working in perfect harmony to try to avoid any kind of errors in the code that could cause an increase in the error rate in obtaining the desired result.

The success rate of face recognition process is 95%, which is higher than the planned percentage.

6.0   Final Customer Acceptance

Due to the timely delivery of the product and the quality of the product, as the project was completed on time and with a system success rate higher than planned by the customer with the product, the meeting was attended by the project manager, contract manager, software engineer and quality assurance officer. The project delivery documents were signed and the customer paid the last payment.

7.0   Contract Closure

Regarding the main contract of the project, the contract was closed by delivering the project on time and within the required quality standards, as the client paid the last payment according to the project contract.

9.0 Post Implementation Review

A review after implementation began with a comprehensive evaluation of the actual cost of the project compared to the Cost Estimation and a review of the reasons that led to an increase in the cost. The review also included an evaluation of the time, as the project was completed on time actually, and the last review was for the quality of the product and to ensure that the product can perform its function with the highest limit of permissible errors.

10.0 Project Archives

Project Research

Project Proposal

Work Breakdown Structure

Work Breakdown Structure Dictionary

Activity List

Activity Resource Requirement

Activity Duration Estimation

Cause and effect diagram

Gant Chart

Activity Cost Estimation

Business Case

Communication Matrix

Communication Plan

Contract Agreement

Contract Management

Control Chart

Corrective Actions List

Risk Breakdown Structure

Pareto Diagram

Resource Histogram

HR management plan

End Report