ACL PROJECT

PROJECT CHARTER

Version 1.0

05/12/2022

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	*Damiani Riccardo & Habtoune Hicham & Bottaro Gabriele*	*<07/12/22>*	*<name>*	*<mm/dd/yy>*	*Project for a web application.*

UP Template Version: 11/30/06

TABLE OF CONTENTS

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1 INTRODUCTION

1.1 PURPOSE OF PROJECT CHARTER

The *ACL Project* charter documents and tracks the necessary information required by decision maker(s) to approve the project for funding. The project charter should include the needs, scope, justification, and resource commitment as well as the project's sponsor(s) decision to proceed or not to proceed with the project. It is created during the Initiating Phase of the project.

The intended audience of the *ACL Project* charter is the project sponsor and senior leadership.

2 PROJECT AND PRODUCT OVERVIEW

The project consists in the creation of a web application that allows users to access a dashboard for managing invoices.
The web application must work on both desktop and mobile, so it must be absolutely responsive.

The web application must support multiple languages.

The invoices are divided by geographical areas, the areas are 4: North-East, North-West, Center, South.

3 JUSTIFICATION

3.1 BUSINESS NEED

The web application is used for invoice management, and each employee must have a specific role with the appropriate access rights, and therefore can perform actions according to his role. Each employee has their own access credentials, which consist of email and password used to register for the web application.
The roles that employees can assume are: admin, commercial, area manager and administration.
The permissions for each role are listed below:

- **ADMIN**: It has all the permissions;

- **COMMERCIAL**: It has a customer wallet and can enter/consult/update the invoices of its customers only and it must not be able to cancel any invoice;

- **AREA HEAD:** It manages customer invoices for a geographical area;

- **ADMINISTRATION:** It can only modify the invoices.

4 SCOPE

4.1 OBJECTIVES

The objectives of the *ACL Project* are as follows:
- Control system of the access roles;
- Improving the management system of the invoices by using a database;

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4.2 HIGH-LEVEL REQUIREMENTS

The following table presents the requirements that the project's product, service or result must meet in order for the project objectives to be satisfied.

Req. #	Requirement Description
Speed	Provide a fast web application
Security	Provide a secure and safe web application
Accessibility	Provide a web application that is accessible to all users
Responsivity	Provide a web application that is responsive to all models of devices

4.3 MAJOR DELIVERABLES

The following table presents the major deliverables that the project's product, service or result must meet in order for the project objectives to be satisfied.

Major Deliverable	Deliverable Description
Entity-relationship model	A model that describes how the database will be lesigned.
Project charter	A model that describes all the project
WBS	A work-breakdown structure in project management and systems engineering is deliverable-oriented breakdown of a project into smaller components.
Gantt chart	A Gantt chart is a type of bar chart that illustrates a project schedule,

5 DURATION

5.1 TIMELINE

The estimated time for completing the web application is about 3 months.

6 ASSUMPTIONS, CONSTRAINTS AND RISKS

6.1 RISKS

Risk	Mitigation
Phishing	The emails are controlled by a control system.
Loss of login credentials	Creation of a credential retrieval system
DdOS attacks	Implementing anti DdOS systems
SQL Injection	Provide input validation and parameterized queries including prepared statements.

7 PROJECT ORGANIZATION

7.1 ROLES AND RESPONSIBILITIES

This section describes the key roles supporting the project.

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Alessandro Canal & Andrea Funes & Agnese Chizzali & Martina Zuccon	Technical Steward	Person who is responsible for the technical day-to-day aspects of the system including the details of system development. The Technical Steward is responsible for providing technical direction to the project.
Franca Possiedi	Business Steward	Person in management, often the Branch Chief or Division Director, who is responsible for the project in its entirety.
Riccardo Damiani	Project Management & Generic role	Person who performs the day-to-day management of the project and has specific accountability for managing the project within the approved constraints of scope, quality, time and cost, to deliver the specified requirements, deliverables and customer satisfaction.
Hicham Habtoune	Front-end Development & Generic role & Tester role	Person who performs in creating the front-end part of the project by using html, js with the help of the Bootstrap framework to create the web application. He is also responsible for testing the web application.
Gabriele Bottaro	Back-end Development & Generic role	Person who performs in designing the back-end part of the project by creating a database with the requests received, and also deals with the management of role-by-role permissions.

7.2 STAKEHOLDERS (INTERNAL AND EXTERNAL)

The **internal** stakeholders are:

- The developers of the web application;
- The supervisors of the project;

The **external** stakeholders are;

- All the employees of the ACME Enterprise;
- The head of the ACME Enterprise.

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8 PROJECT CHARTER APPROVAL

The undersigned acknowledge they have reviewed the project charter and authorize and fund the *ACL Project*. Changes to this project charter will be coordinated with and approved by the undersigned or their designated representatives.

Signature: _____   Date: _____

Print Name: _____

Title: _____

Role: _____

Signature: _____   Date: _____

Print Name: _____

Title: _____

Role: _____

Signature: _____   Date: _____

Print Name: _____

Title: _____

Role: _____

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