# Software Requirements Specification

for

# < medical system to book in a medical clinic >

Version 1.0

Prepared by

22/11/2022

# **Table of Contents**

Introduction	Ta	Гаble of Contentsii								
1. Introduction	Re	evisi	on History	•••••	•••••	•••••	ii			
1.1 Purpose			· · · · · · · · · · · · · · · · · · ·							
1.2 Document Conventions. 1.3 Intended Audience and Reading Suggestions 1.4 Project Scope 1.5 References. 2. Overall Description. 2.1 Product Perspective. 2.2 Product Perspective. 3.3 User Classes and Characteristics 3.4 Operating Environment. 3.5 Design and Implementation Constraints 3.6 User Documentation 3.7 Assumptions and Dependencies 3.8 System Features 3.9 System Features 3.1 System Feature 1 3.2 System Feature 1 3.3 System Feature 2 (and so on). 3.4 External Interface Requirements 4.5 User Interfaces 4.6 User Interfaces 4.7 Hardware Interfaces 4.8 Error! Bookmark not defined 4.9 Hardware Interfaces 4.1 User Interface Requirements 4.2 Hardware Interfaces 4.3 Software Interfaces 4.4 Communications Interfaces 5. Other Nonfunctional Requirements 5.1 Performance Requirements 5.2 Safety Requirements 5.3 Security Requirements 5.4 Software Quality Attributes 5.5 Software Quality Attributes 5.6 Other Requirements 5.7 Error! Bookmark not defined 5.8 Appendix A: Glossary 5. Error! Bookmark not defined 6. Other Requirements 5. Error! Bookmark not defined 5. Error! Bookmark										
1.4 Project Scope 1.5 References.  2. Overall Description. 2.1 Product Perspective. 2.2 Product Features. 3.2 User Classes and Characteristics. 3.3 User Classes and Characteristics. 3.4 Operating Environment. 3.5 Design and Implementation Constraints. 3.6 User Documentation. 3.7 Assumptions and Dependencies. 3.8 System Features. 3.1 System Features. 3.2 Error! Bookmark not defined. 3.3 System Feature 1. 3.4 External Interface Requirements. 4.5 User Interfaces. 4.6 User Interfaces. 4.7 Assumptions and Dependencies. 5. Other Nonfunctional Requirements. 5. Other Nonfunctional Requirements. 5. Other Nonfunctional Requirements. 5. Other Nonfunctional Requirements. 5. Security Requirements. 5. Error! Bookmark not defined. 5. Software Quality Attributes. 5. Other Requirements. 5. Error! Bookmark not defined. 5. Software Quality Attributes. 5. Error! Bookmark not defined. 5. Other Requirements. 5. Error! Bookmark not defined. 5. Software Quality Attributes. 5. Error! Bookmark not defined. 5. Error! Bookmark not defined. 5. Software Quality Attributes. 5. Error! Bookmark not defined. 5. Error! Bookmark not defined. 5. Error! Bookmark not defined. 5. Fror! Bookmark not defined. 5. Fror! Bookmark not defined. 5. Software Quality Attributes. 5. Error! Bookmark not defined. 5. Fror! Bookmark not defined. 5. Error! Bookmark not define		1.2	Document ConventionsEr	ror!	Bookmai	k not	defined.			
1.5 References Error! Bookmark not defined. 2. Overall Description		1.3	Intended Audience and Reading Suggestions				1			
2. Overall Description			Project Scope				1			
2.1 Product Perspective		_								
2.2 Product Features	2.	Ov	rerall Description	•••••	••••••	•••••	1			
2.3 User Classes and Characteristics										
2.4 Operating Environment		2.2	Product Features				1			
2.5 Design and Implementation Constraints 2.6 User Documentation										
2.6 User Documentation			Operating Environment.	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	2			
2.7 Assumptions and Dependencies			User Documentation Constraints	rorl	Rookman	·lz not				
3. System Features		-	Assumptions and Dependencies	101.	DUUKIIIAI	K HUU	uemieu.			
3.1 System Feature 1	3									
3.2 System Feature 2 (and so on)  4. External Interface Requirements  4.1 User Interfaces  4.2 Hardware Interfaces  4.3 Software Interfaces  4.4 Communications Interfaces  5. Other Nonfunctional Requirements  5.1 Performance Requirements  5.2 Safety Requirements  5.3 Security Requirements  5.4 Software Quality Attributes  6. Other Requirements  6. Other Requirement	٥.		System Feature 1	ror!	Bookmai	·k not	defined.			
4. External Interface Requirements Error! Bookmark not defined. 4.1 User Interfaces Error! Bookmark not defined. 4.2 Hardware Interfaces Error! Bookmark not defined. 4.3 Software Interfaces Error! Bookmark not defined. 4.4 Communications Interfaces Error! Bookmark not defined. 5. Other Nonfunctional Requirements Error! Bookmark not defined. 5.1 Performance Requirements Error! Bookmark not defined. 5.2 Safety Requirements Error! Bookmark not defined. 5.3 Security Requirements Error! Bookmark not defined. 5.4 Software Quality Attributes Error! Bookmark not defined. 6. Other Requirements Error! Bookmark not defined.		-								
4.1 User Interfaces	1		•							
4.2 Hardware Interfaces	т.	4.1	User Interfaces	ror!	Bookmai	·k not	defined.			
4.3 Software Interfaces										
4.4 Communications Interfaces										
5.1 Performance Requirements		4.4								
5.1 Performance Requirements	5.	Ot	her Nonfunctional RequirementsEr	ror!	Bookmar	k not	defined.			
5.3 Security Requirements		5.1	Performance Requirements E1	ror!	Bookmai	k not	defined.			
5.4 Software Quality Attributes		5.2	Safety RequirementsEI	ror!	Bookmai	k not	defined.			
6. Other Requirements Error! Bookmark not defined. Appendix A: Glossary Error! Bookmark not defined. Appendix B: Analysis Models Error! Bookmark not defined.										
Appendix A: GlossaryError! Bookmark not defined. Appendix B: Analysis ModelsError! Bookmark not defined.		5.4	Software Quality AttributesEı	ror!	! Bookmai	k not	defined.			
Appendix B: Analysis ModelsError! Bookmark not defined.	6.	Ot)	her RequirementsEr	ror!	Bookmar	k not	defined.			
Appendix B: Analysis ModelsError! Bookmark not defined.	Appendix A: Glossary Error! Bookmark not de						defined.			
• • • • • • • • • • • • • • • • • • • •	-									
Address C.: Issues Last	-		ndix C: Issues ListEr							

# **Revision History**

Name	Date	Reason For Changes	Version		

## 1. Introduction

### 1.1 Purpose

مشروع إدارة معهد لغات هو مشروع يهدف إلى توفير بيئة تعليمية فعالة ومنظمة لتعليم اللغات للطلاب والمهتمين بتعلم اللغات المختلفة . ويشمل هذا المعهد تدريس اللغات الحية المختلفة مثل الإنجليزية والفرنسية والإسبانية والالمانية والعربية وغيرها. ويعتبر المشروع من أهم المشاريع التعليمية التي تهدف إلى تحسين مستوى التعليم وزيادة فرص العمل للطلاب والمهتمين بتعلم اللغات، حيث يوفر للطلاب بيئة تعليمية مريحة . ومتطورة لتعلم اللغات بشكل سريع وفعال . ومتطورة النظام مقدم لكل معهد يريد ادرة معهده

## 1.2 Intended Audience and Reading Suggestions

المستند موجه لللدكتور روان قرعوني المشرف على المشروع ومطورين هذا النظام ,وموجه للمعاهد التي ستستفيد من خدمات هذا النظام ينصح بقراءة الوثيقة كاملة لجميع المذكورون.

### 1.3 Project Scope

- تصميم وتنفيذ الخطط الدراسية والبرامج التعليمية المتنوعة لتعليم اللغات المختلفة -1
- . تُوفير بيئة تعليمية ملائمة وفعالة للطلاب والمدرسين -2
- إدارة الإجراءات الإدارية والمالية المتعلقة بالمعهد، مثل القُبُولُ والتسجيل والمحاسبة وإعداد التقارير المالية -3
- ِ الْتَعامَلُ مُع الطَّلابِ والمدرِ سين والموظِّفينُ بشكُّل فعالَ ومَّتناسق، وتُوفير الدعم اللَّازم لهم -4
- استخدام التقنيات والأدوات التكنولوجية الحديثة لتُسهيل عمليّة التدريس والتعلم، مثل منصات التعليم الإلكتروني وتقنيات 5. التواصل الحديثة.
- إدارة عملية التقييم والمراجعة الدورية للبرامج التعليمية والنتائج التعليمية -6

# 2. Overall Description

## 2.1 Product Perspective

نظام إدارة معاهد اللغات: هو منصة قوية وسهلة الاستخدام مصممة لمديروا المعاهد والمعلمين والطلاب يساعد الطلاب على التسجيل بالمعهد ويساعد المعلمين توضيح الدروس والتواصل مع الطلاب واعطائهم واجبات , ويساعد أيضا المدير لادارة المعهد من إدارة معلمين وموظفين وطلاب .

#### 2.2 Product Features

The system has many features, including:

- The center manager ->add teacher -edit details the institute.
- The admistrator ->Approval of an institute joining the platform or deleting it from the platform

- The teacher ->create group with student -Giving a glimpse of the lesson before the time of the lesson, and he can also add some questions to the students-sets the students' grades
- The student ->show his profile-and edit his profile

#### 2.3 User Classes and Characteristics

- System Administrator.
- Institute center manager.
- Teacher.
- student...

## 2.4 Operating Environment

Mobile Application .

### 2.5 Design and Implementation Constraints

- MySQL database will be used.
- The system will be built using laravel framework (Backend), and design will be done by Flutter and React (Frontend).
- Xampp.
- VS Code.
- Android studio

## 2.6 Assumptions and Dependencies