<ToeicExam>

Vision Document

Version <1.0>

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Revision History

| **Date** | **Version** | **Description** | **Author** |
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| <03/06/2022> | <1.0> | Initial Release | Nguyen Hoang Luan |
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Vision (Small Project)

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the toeic website in terms of the needs of the users.

The introduction of the Vision document applies to the Toeic website, which will be developed by group 6

The Toeic website will enable users to test their English level

# Positioning

## Problem Statement

| The problem of | People tend to study and take the Toiec degree without knowing what level they are to get enough marks for the exam. |
| --- | --- |
| affects | student, worker |
| the impact of which is | Making the learning process of students, workers delayed |
| a successful solution would be | Create a website to judge your English level, from which you can refer to many learning resources to improve the exam preparation process to reach your desired level. |

## Product Position Statement

| For | People who want to test their level |
| --- | --- |
| Who | Want to know their English level, improve it |
| The (product name) | Website |
| That | Free mock test to know your toeic level |
| Unlike | The traditional mock test, you have to go to the registration center to assign and make the test, which makes it difficult for learners and time consuming |
| Our product | Provide tests that are closest to the real exam with a rich and diverse library of exam questions that are updated regularly and quickly |

# Stakeholder and User Descriptions

## Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Development team | Work with users and stakeholders to turn needs into requirements | Responsible for project development planning, design, operation, maintenance, ensuring the team stays focused |
| Theory teacher | This stakeholder is the main supporter of the team during the completion of the project (Nguyen Van Vu, Ho Tuan Thanh, Bui Tan Loc) | Step-by-step guide to application development and documentation |
| Student | Students from 5th grade and up (Nguyen Van Toan) | Ensure that the application correctly assesses the students' current English reading skills |
| Worker | Working people use computers well (Tran Thi Hang Nga) | Ensure that the application correctly assesses the students' current English listening skills |

## User Summary

| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| --- | --- | --- | --- |
| Student | They are the key users of the system. | Use the application to test the level of English listening and reading skills | Self |
| Teacher | They are the key users of the system. | Use the app to test 1 of 2 skills: listening or reading or both | Self |
| Worker | They are the key users of the system. | Use the app to test 1 of 2 skills: listening or reading or both | Self |
| User |  |  |  |

## User Environment

* The Toeic exam application is intended for use by people who are educated and have good computer skills.
* This application is aimed at audiences such as students, working people, teachers, who want to know their own English level
* The application provides an interface for users to manipulate with buttons, clear images so that people with not too good eyes can also use it.
* The user's time using the app depends on which test they choose to run (Mini test or full test).
* In the future, the application may appear on mobile devices to make it easier for users to use
* The system needs to be supported on browsers with a network connection. It requires Internet Explorer or Netscape. It should be able to work on both PC and MAC.

## Alternatives and Competition

The new feature of the group's application is to add the function of checking each part of the Toeic test. Currently, some other websites can test two additional skills of speaking and writing English, they have additional tests of separate skills such as speaking, listening, reading, and writing. Currently, there are many Toeic exam applications on mobile devices

# Product Features

| No. | Feature | Description | Priority |
| --- | --- | --- | --- |
| 1 | Sign in | Requires users to sign in to take the test, other features do not require an account | High |
| 2 | Sign up | Allows users to create accounts to store necessary information | High |
| 3 | Mini test | Users choose 1 of 7 parts which they want to test. | High |
| 4 | Full test | Do all part (7 parts, 200 questions) | High |
| 5 | Time to do exam | Over 75% time users can choose finish.  time up auto finish | HIgh |
| 6 | Calculate test scores | Scoring is based on the international scale as follows: | High |
| 7 | Show results | Display the user's score after taking the test | High |
| 8 | Show the answer | Display test answers after the user has completed the test | High |
| 9 | Save test history | Save the test information taken and the user's score | Medium |
| 9 | Chat with admin | Users can chat with admin for advice and support | Low |
| 10 | Discussion forum | Users can comment on the level of the test or discuss the results of the work together | Medium |
| 11 | Note | Users can take notes, for example, mistakes, favorite words | High |
| 12 | Donate | Users can choose to donate by transfer, e-wallet (momo, zalopay) - an important function must have | High |
| 13 | Feedback | Sometimes the web pops up for users to fill out a survey form (want to improve something, contribute exam questions) | High |
| 14 | Contact | Show admin's contact information, social network | High |
| 15 | Blog | Admin create some blogs about grammar, vocabulary,some tips to correct answers,etc  Users can create blogs to ask some questions related to toeic | High |
| 16 | About website | Introduce team members,website establishment time,etc | High |
| 17 | Show 5 high score’s users | Show 5 high sroce’s users at mini test and full test | Medium |

# Non-Functional Requirements

Security: The website must keep user information confidential

Performance: Page load speed under 2 seconds in conditions of high loading speed or low number of users on the web, otherwise page loading speed may be over 2 seconds

Platform requirements: ios, android, window, Any device that can browse the web

Environmental requirements:

* User environment: Loading speed. user devices
* Resource availability: Toeic exam questions are available online
* Maintenance issues, error handling, and recovery: When such errors occur, I will notify the users about the maintenance