

<ToEICExam>	Version: <1.1>
Vision Document	Date: <19/06/2022>

**<ToEICExam>  
Vision Document**

**Version <1.1>**

### **Revision History**

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
03/06/2022	1.0	Initial Release	Nguyen Hoang Luan
19/06/2022	1.1	Edit User Summary	Huynh Ngoc Son

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## Vision (Small Project)

### 1. 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.

### 2. Positioning

#### 2.1 Problem Statement

<b>The problem of</b>	People tend to study and take the Toeic degree without knowing what level they are to get enough marks for the exam.
<b>Affects</b>	Student, worker
<b>The impact of which is</b>	Making the learning process of students, workers delayed.
<b>A successful solution would be</b>	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.

#### 2.2 Product Position Statement

<b>For</b>	People who want to test their level.
<b>Who</b>	Want to know their English level, improve it.
<b>The (product name)</b>	Website
<b>That</b>	Free mock test to know your toeic level.
<b>Unlike</b>	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.
<b>Our product</b>	Provide tests that are closest to the real exam with a rich and diverse library of exam questions that are updated regularly and quickly.

### 3. Stakeholder and User Descriptions

#### 3.1 Stakeholder Summary

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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

### 3.2 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	They are the key users of the system.	Use the app to test 1 of 2 skills: listening or reading or both	Self
Guest	They are the sub-users of the system	Use the application to read articles on the website, view website information	Self
Admin	They are the system administrators of the application and	Write blogs for the website, edit, delete blogs, answer user questions about the system or	Self

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	have full authority over the application	problems that occur when the website crashes, ...

### 3.3 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.

### 3.4 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.

## 4. 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

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		<table><tr><th>Score</th><th>List</th><th>Read</th><th>Score</th><th>List</th><th>Read</th><th>Score</th><th>List</th><th>Read</th><th>Score</th><th>List</th><th>Read</th></tr><tr><td>100</td><td>495</td><td>495</td><td>79</td><td>415</td><td>355</td><td>58</td><td>285</td><td>240</td><td>37</td><td>125</td><td>90</td></tr><tr><td>99</td><td>495</td><td>490</td><td>78</td><td>405</td><td>345</td><td>57</td><td>275</td><td>230</td><td>36</td><td>115</td><td>85</td></tr><tr><td>98</td><td>495</td><td>485</td><td>77</td><td>400</td><td>340</td><td>56</td><td>265</td><td>220</td><td>35</td><td>105</td><td>80</td></tr><tr><td>97</td><td>495</td><td>485</td><td>76</td><td>395</td><td>335</td><td>55</td><td>260</td><td>215</td><td>34</td><td>100</td><td>75</td></tr><tr><td>96</td><td>495</td><td>475</td><td>75</td><td>385</td><td>330</td><td>54</td><td>255</td><td>210</td><td>33</td><td>95</td><td>70</td></tr><tr><td>95</td><td>495</td><td>470</td><td>74</td><td>375</td><td>325</td><td>53</td><td>245</td><td>205</td><td>32</td><td>90</td><td>65</td></tr><tr><td>94</td><td>495</td><td>460</td><td>73</td><td>370</td><td>320</td><td>52</td><td>235</td><td>195</td><td>31</td><td>85</td><td>60</td></tr><tr><td>93</td><td>495</td><td>455</td><td>72</td><td>365</td><td>315</td><td>51</td><td>230</td><td>185</td><td>30</td><td>80</td><td>55</td></tr><tr><td>92</td><td>490</td><td>450</td><td>71</td><td>360</td><td>310</td><td>50</td><td>225</td><td>175</td><td>29</td><td>70</td><td>45</td></tr><tr><td>91</td><td>485</td><td>440</td><td>70</td><td>355</td><td>300</td><td>49</td><td>220</td><td>170</td><td>28</td><td>60</td><td>40</td></tr><tr><td>90</td><td>480</td><td>435</td><td>69</td><td>350</td><td>295</td><td>48</td><td>215</td><td>160</td><td>27</td><td>55</td><td>35</td></tr><tr><td>89</td><td>475</td><td>425</td><td>68</td><td>345</td><td>295</td><td>47</td><td>205</td><td>155</td><td>26</td><td>50</td><td>30</td></tr><tr><td>88</td><td>465</td><td>420</td><td>67</td><td>340</td><td>290</td><td>46</td><td>200</td><td>145</td><td>25</td><td>45</td><td>25</td></tr><tr><td>87</td><td>460</td><td>415</td><td>66</td><td>335</td><td>285</td><td>45</td><td>190</td><td>140</td><td>24</td><td>40</td><td>20</td></tr><tr><td>86</td><td>455</td><td>405</td><td>65</td><td>330</td><td>280</td><td>44</td><td>180</td><td>135</td><td>23</td><td>35</td><td>15</td></tr><tr><td>85</td><td>445</td><td>395</td><td>64</td><td>325</td><td>275</td><td>43</td><td>175</td><td>130</td><td>22</td><td>30</td><td>10</td></tr><tr><td>84</td><td>440</td><td>390</td><td>63</td><td>320</td><td>270</td><td>42</td><td>170</td><td>125</td><td>21</td><td>25</td><td>5</td></tr><tr><td>83</td><td>435</td><td>385</td><td>62</td><td>310</td><td>260</td><td>41</td><td>160</td><td>120</td><td>20</td><td>20</td><td>5</td></tr><tr><td>82</td><td>430</td><td>375</td><td>61</td><td>300</td><td>255</td><td>40</td><td>150</td><td>115</td><td>19</td><td>15</td><td>5</td></tr><tr><td>81</td><td>425</td><td>370</td><td>60</td><td>295</td><td>250</td><td>39</td><td>140</td><td>105</td><td>18</td><td>10</td><td>5</td></tr><tr><td>80</td><td>420</td><td>360</td><td>59</td><td>290</td><td>245</td><td>38</td><td>135</td><td>95</td><td>1-17</td><td>5</td><td>5</td></tr></table>	Score	List	Read	Score	List	Read	Score	List	Read	Score	List	Read	100	495	495	79	415	355	58	285	240	37	125	90	99	495	490	78	405	345	57	275	230	36	115	85	98	495	485	77	400	340	56	265	220	35	105	80	97	495	485	76	395	335	55	260	215	34	100	75	96	495	475	75	385	330	54	255	210	33	95	70	95	495	470	74	375	325	53	245	205	32	90	65	94	495	460	73	370	320	52	235	195	31	85	60	93	495	455	72	365	315	51	230	185	30	80	55	92	490	450	71	360	310	50	225	175	29	70	45	91	485	440	70	355	300	49	220	170	28	60	40	90	480	435	69	350	295	48	215	160	27	55	35	89	475	425	68	345	295	47	205	155	26	50	30	88	465	420	67	340	290	46	200	145	25	45	25	87	460	415	66	335	285	45	190	140	24	40	20	86	455	405	65	330	280	44	180	135	23	35	15	85	445	395	64	325	275	43	175	130	22	30	10	84	440	390	63	320	270	42	170	125	21	25	5	83	435	385	62	310	260	41	160	120	20	20	5	82	430	375	61	300	255	40	150	115	19	15	5	81	425	370	60	295	250	39	140	105	18	10	5	80	420	360	59	290	245	38	135	95	1-17	5	5	
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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																																																																																																																																																																																																																																																																								
10	Chat with admin	Users can chat with admin for advice and support	Low																																																																																																																																																																																																																																																																								
11	Discussion forum	Users can comment on the level of the test or discuss the results of the work together	Medium																																																																																																																																																																																																																																																																								
12	Note	Users can take notes, for example, mistakes, favorite words	High																																																																																																																																																																																																																																																																								
13	Donate	Users can choose to donate by transfer, e-wallet (momo, zalopay) - an important function must have	High																																																																																																																																																																																																																																																																								
14	Feedback	Sometimes the web pops up for users to fill out a survey form (want to improve something, contribute exam questions)	High																																																																																																																																																																																																																																																																								
15	Contact	Show admin's contact information, social network	High																																																																																																																																																																																																																																																																								
16	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																																																																																																																																																																																																																																																																								
17	About website	Introduce team members, website establishment time, etc	High																																																																																																																																																																																																																																																																								
18	Show 5 high score’s users	Show 5 high sroce’s users at mini test and full test	Medium																																																																																																																																																																																																																																																																								

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## 5. 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.