

# User Story

| Epic ID            | User Story ID | As a   | I want to   | So that   | Size Estimation | MoSCoW Priority | Justification  |
|--------------------|---------------|--|---|---|-----------------|-----------------|--|
| E.1.Manage account | US.1A         | Compliance manager                                   | Establish accounts for authorized users                             | I can control who can access the content and service on the system                                      | Small           | Must have       | Size (User Cases): <ul style="list-style-type: none"> <li>UC.1A.1: Create User Accounts for Authorized Access</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>Essential function for access control</li> </ul>   |
|                    | US.1B         |  | Delete users accounts   | I can ensure users of the system will no longer have access to the system if they no longer work for me | Small           | Must have       | Size (User Cases): <ul style="list-style-type: none"> <li>UC.1B.1: Delete User Accounts for Access Control</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>Essential function for access control</li> </ul>  |
|                    | US.1C         | Language test developer                              | Be able to edit the account registered by compliance manager for me | I can change my name and password, etc.   | Medium          | Must have       | Size (User Cases): <ul style="list-style-type: none"> <li>UC.1C.1: Edit Registered User Accounts for Credential Management</li> <li>UC.1C.2: Edit Own Account Information</li> <li>UC.1C.3: Search User from list</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>Essential function for account management</li> </ul> |
|                    | US.1D         | User (language test developer or compliance manager) | Be able to log into the system                                      | I can access my account and its associated features and functionalities.                                | Medium          | Must have       | Size (User Cases): <ul style="list-style-type: none"> <li>UC.1D.1: Log into the System</li> <li>UC.1D.2: Logout and Authentication</li> <li>UC.1D.3: User dashboard for different role (Access control)</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>Essential function for the system</li> </ul>                   |

|                                   |       |                         |   |  |        |             |  |
|-----------------------------------|-------|-------------------------|---|--|--------|-------------|--|
| E.2.Develop language reading test | US.2A | Language test developer | Be able to obtain a list of topics automatically generated for me | I can use the topics to assist my developing the language test | Large  | Must have   | Size (User Cases): <ul style="list-style-type: none"> <li>• UC.2A.1: Manually Enter Topic Ideas for Test Development</li> <li>• UC.2A.2: Obtain Automatically Generated Topic Suggestions</li> <li>• UC.2A.3: View Topic List</li> <li>• UC.2A.4: Edit Items from Topic List</li> <li>• UC.2A.5: Add New Item to Topic List</li> <li>• UC.2A.6: Remove Item from Topic List</li> <li>• UC.2A.7: Search from Topic List</li> <li>• UC.2A.8: Sort Topic List Alphabetically</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>• Core requirements from the client</li> </ul> |
|                                   | US.2B |                         | Be able to edit the topics generated                              | I can modify the topics to adapt to some criteria              | Medium | Should have | Size (User Cases): <ul style="list-style-type: none"> <li>• UC.2B.1: View Generated Topics for Test Development</li> <li>• UC.2B.2: Edit Generated Topics for Test Development</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>• Optional requirements from the client</li> <li>• The client can modify the content outside this platform</li> </ul>   |
|                                   | US.2C |                         | Be able to obtain some text automatically generated for me        | I can use the texts to assist my developing the language test  | Large  | Must have   | Size (User Cases): <ul style="list-style-type: none"> <li>• UC.2C.1: Manually Enter Topics for Text Generation</li> <li>• UC.2C.2: Personalize Tone of Voice</li> <li>• UC.2C.3: Specify Paragraph Count</li> <li>• UC.2C.4: Set Word Count</li> <li>• UC.2C.5: Adjust Difficulty Level</li> <li>• UC.2C.6: Choose Input Topic from Saved Topic Lists</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>• Core requirements from the client</li> </ul>   |
|                                   |       |                         |   |  |        |             |  |

|       |   |  |        |             |   |
|-------|---|--|--------|-------------|---|
| US.2D | Be able to edit the texts generated                               | I can modify the texts to adapt to some criteria                               | Medium | Should have | Size (User Cases): <ul style="list-style-type: none"> <li>• UC.2D.1: View Generated Texts for Alignment and Modification</li> <li>• UC.2D.2: Edit Generated Texts for Alignment</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>• Optional requirements from the client</li> <li>• The client can modify the content outside this platform</li> </ul> |
| US.2E | Be able to categorise the items generated (e.g. topics and texts) | I can put items that are relevant to one single language test session together | Large  | Could have  | Size (User Cases): <ul style="list-style-type: none"> <li>• Optional requirements from the client</li> <li>• The client set less priority for this story</li> </ul> MoSCoW: <ul style="list-style-type: none"> <li>• Optional requirements from the client</li> <li>• The client set less priority for this story</li> </ul>                                    |

## User story version control

| Version Number | Change log  | Date (effective since) | Required by                     |
|----------------|---|------------------------|---------------------------------|
| V.1            | Create and complete all areas (achieved below)  | 18 Aug 2023            | Jacob the Scrum Master          |
| V.2            | Correct major errors <ol style="list-style-type: none"> <li>1. remove any incorrect user stories</li> <li>2. add any user stories where necessary</li> <li>3. improve table layout according to <a href="#">Course Notes</a> (e.g. Epic, Size, Priority)</li> <li>4. improve consistency with the motivational model</li> </ol> | 14 Sept 2023           | Eduardo the subject coordinator |

## Achieved User Story Table (not for use; only for learning purpose)

| Category  | Story ID | Detail   | Acceptance Criteria   | Task Priority | Story Points |
|-----------|----------|--|---|---------------|--------------|
| Welcoming | 1        | <ul style="list-style-type: none"> <li>• <b>As</b> an unregistered user</li> <li>• <b>I want</b> to be able to open a page on the website()</li> <li>• <b>So that</b> I can navigate to registration page</li> </ul>   | <ul style="list-style-type: none"> <li>• I can open the website page with my browser</li> </ul> | must have     | 2            |
| Login     | 2        | <ul style="list-style-type: none"> <li>• <b>As</b> an registered user</li> <li>• <b>I want</b> to be able to login to the website</li> <li>• <b>So that</b> I can access the relevant parts of the website</li> </ul>  | <ul style="list-style-type: none"> <li>• I can login to the website</li> </ul>                  | must have     | 5            |
|           | 3        | <ul style="list-style-type: none"> <li>• <b>As</b> a administrator user</li> <li>• <b>I want</b> to be able to manage who can use the system</li> <li>• <b>So that</b> I can grand or remove access to users in order to maintain the information confidentiality</li> </ul> | <ul style="list-style-type: none"> <li>• I can add or remove users</li> </ul>                   | must have     | 5            |

|                  |    |   |   |             |     |
|------------------|----|---|---|-------------|-----|
| Topic generation | 4  | <ul style="list-style-type: none"> <li>• <b>As</b> a language reading test developer</li> <li>• <b>I want</b> to be able to obtain and see a list of topic that is generated automatically (see, edit, refine)</li> <li>• <b>So that</b> I can see, edit or refine the obtained topic in the list if necessary</li> </ul>       | <ul style="list-style-type: none"> <li>• I can see the automatically generated list rendered on my screen</li> </ul>  | must have   | 13  |
|                  | 5  | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to refine and ask the system to regenerate a list of topics</li> <li>• <b>So that</b> I can ensure the topics satisfy some requirements (i.e. limited length, general academic curiosity)</li> </ul>                    | <ul style="list-style-type: none"> <li>• I can input my comment and update direction</li> <li>• I can see a newly generated list rendered on my screen (mostly different from the previous one)</li> </ul>  | could have  | 20  |
|                  | 6  | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to manually enter a topic</li> <li>• <b>So that</b> I can record my idea when I see all the generated topics</li> </ul>   | <ul style="list-style-type: none"> <li>• I can manually input a topic and add it to the generated topic list</li> </ul>   | must have   | 20  |
|                  | 7  | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to edit each topic item from the obtained topic list</li> <li>• <b>So that</b> I can adapt my topic preferences</li> </ul>  | <ul style="list-style-type: none"> <li>• I can see the updated topic item rendered on the screen</li> </ul>   | should have | 20  |
|                  | 8  | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to accept the generated topic list and save to a accepted pool</li> <li>• <b>So that</b> I can safely and permanently save the topic items generated</li> </ul>   | <ul style="list-style-type: none"> <li>• I can see the items in the accepted pool anytime when I login to the system anywhere</li> <li>• Any other user of the system can also see the entire accepted pool</li> </ul>  | should have | 13  |
|                  | 9  | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> the topics can be edited from the accepted pool</li> <li>• <b>So that</b> I can keep and record my new ideas and preferences when I login later</li> </ul>   | <ul style="list-style-type: none"> <li>• I can see the item in the accepted pool successfully updated</li> <li>• I can see the updated items remains updated when I login next time</li> </ul>  | should have | 20  |
| Text generation  | 10 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to obtain texts generated from my manually input topic</li> <li>• <b>So that</b> I can see, edit or refine the obtained text if necessary</li> </ul>  | <ul style="list-style-type: none"> <li>• manually enter a topic for the purpose of text generation</li> <li>• I can see the automatically generated texts rendered on my screen</li> <li>• I can see the text difficulty rendered alongside the generated text</li> </ul>   | must have   | 40  |
|                  | 11 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to select a topic from a drop down list and obtain texts from this topic</li> <li>• <b>So that</b> I can see, edit or refine the obtained text if necessary</li> </ul>  | <ul style="list-style-type: none"> <li>• I can search and select a topic from a drop down list</li> <li>• I can see the automatically generated texts rendered on my screen</li> <li>• I can see the text difficulty rendered alongside the generated text</li> </ul>   | could have  | 100 |
|                  | 12 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to refine and ask the system to regenerate the text</li> <li>• <b>So that</b> I can ensure the texts satisfy some requirements (i.e. topic, genre, text length/word count, number of paragraphs, difficulty)</li> </ul> | <ul style="list-style-type: none"> <li>• I can see a newly generated texts rendered on my screen (mostly different from the previous one)</li> </ul>  | could have  | 20  |
|                  | 13 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to edit the generated text</li> <li>• <b>So that</b> I can adapt my text preferences</li> </ul>   | <ul style="list-style-type: none"> <li>• I can see the updated text item rendered on the screen</li> </ul>  | should have | 20  |
|                  | 14 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> to be able to accept the generated text and save to an accepted pool</li> <li>• <b>So that</b> I can safely and permanently save the texts generated</li> </ul>  | <ul style="list-style-type: none"> <li>• I can see the saved texts in the accepted pool anytime when I login to the system anywhere</li> <li>• all texts generated and displayed together will be saved as one item in the accepted pool</li> <li>• Any other user of the system can also see the entire accepted pool</li> </ul> | should have | 20  |

|                  |    |   |   |             |    |
|------------------|----|---|---|-------------|----|
|                  | 15 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> the texts from each saved item in the accepted pool can be edited</li> <li>• <b>So that</b> I can keep and record my new ideas and preferences when I login later</li> </ul>   | <ul style="list-style-type: none"> <li>• I can see the item in the accepted pool successfully updated</li> <li>• I can see the updated items remains updated when I login next time</li> </ul>  | should have | 20 |
| Item arrangement | 16 | <ul style="list-style-type: none"> <li>• <b>As</b> a test developer</li> <li>• <b>I want</b> the texts from each saved item in the accepted pool can be arranged and grouped to different folders</li> <li>• <b>So that</b> I can organise the generated texts to better support my development of the English tests</li> </ul> | <ul style="list-style-type: none"> <li>• I can create and name a folder in the accepted pool</li> <li>• I can put saved text item into this folder</li> <li>• I can see the folder remains there with the included item next time when I login</li> </ul> | should have | 40 |