USE CASE SPECIFICATIONS

SkillsBooster

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# << Company registration >>

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| **Use case: Company registration** | **ID:** *1* |
| **Short description:**  The administrator registers on the platform and adds his company to the platform. | |
| **Actors:**  Administrator | |
| **Prerequisites:**  The company is not yet registered in IS. IS must work. | |
| **System status after use case:**  The administrator has successfully registered in IS and added a company, and has received an e-mail to enroll in IS. | |
| **A scenario:**  1. In the login window, press the "Register a company" link.  2. Fill in the input fields "Name", "Address", "Postcode", "Email address" and "Password".  3. Tick "I agree to the terms of use".  4. Press the "Register" button. | |
| **Alternative currents:**  1a1. The user cannot click on the "Register Company" link due to an error.  1a2. The user refreshes the page and tries again.  1a3. Try again after refreshing.  4a1. The user cannot press the "Register" button due to an error.  4a2. The user refreshes the page and tries again.  4a3. Try again after refreshing. | |
| **Exceptions:**  3a1. Due to the error, the user cannot mark "I agree to the terms of use", no matter how many times he tries.  4a1. Due to the error, the user does not receive a confirmation email, regardless of how many times he registers the company in the application. | |

# << Adding users to the platform >>

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| **Use case: Adding users to the platform** | **ID:** *2* |
| **Short description:**  The administrator can add users to the platform from a previously prepared list and assign them a role. | |
| **Actors:**  Administrator | |
| **Prerequisites:**  The user is already logged into IS and has a list of employees to be added to the platform. IS must work. | |
| **System status after use case:**  The administrator has successfully added all the employees who were on the list and assigned them roles. They received an e-mail message about registering in IS. | |
| **A scenario:**  1. Press the "Add user" button on the profile.  2. Fill in the input fields "First and last name", "E-mail" and "Role".  3. Press the "Add" button. | |
| **Alternative currents:**  1a1. The user cannot click on the "Add User" button due to an error.  1a2. The user refreshes the page and tries again.  1a3. Try again after refreshing.  3a1. The user cannot click on the "Add" button due to an error.  3a2. The user refreshes the page and tries again.  3a3. Try again after refreshing. | |
| **Exceptions:**  3a1. Due to the error, the administrator cannot add a new user, regardless of how many times he confirms the added user. | |

# << Login to the platform >>

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| **Use case: Login to the platform** | **ID:** *3* |
| **Short description:**  The user can log in to the platform with their email address and password. | |
| **Actors:**  Company employees, company management, administrator | |
| **Prerequisites:**  The user has already been added to the platform by the administrator and has a specific email address and password. IS must work. | |
| **System status after use case:**  The user is logged into IS and is on the start page of the platform. | |
| **A scenario:**  1. Fill in the "E-mail" and "Password" input fields in the login window.  2. Tick "I agree to the terms of use".  3. Press the "Register" button. | |
| **Alternative currents:**  3a1. The user cannot press the "Register" button due to an error.  3a2. The user refreshes the page and tries again.  3a3. Try again after refreshing. | |
| **Exceptions:**  2a1. Due to the error, the user cannot mark "I agree to the terms of use", no matter how many times he tries.  3a1. Due to the error, the user cannot access the platform, regardless of how many times he fills out the application form and confirms it. | |

# << Adding knowledge domains >>

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| **Use case: Adding knowledge domains** | **ID:** *4* |
| **Short description:**  Company management can add a knowledge domain, e.g. Market trends and industry analysis. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged into IS. IS must work. | |
| **System status after use case:**  The user has successfully added a knowledge domain. It appears on the user's profile. | |
| **A scenario:**  1. Press the "Add domain" button on the profile.  2. Fill in the "Name" and "Description" input fields.  3. Press the "Add" button. | |
| **Alternative currents:**  1a1. The user cannot click on the "Add domain" button due to an error.  1a2. The user refreshes the page and tries again.  1a3. Try again after refreshing.  3a1. The user cannot click on the "Add" button due to an error.  3a2. The user refreshes the page and tries again.  3a3. Try again after refreshing. | |
| **Exceptions:**  3a1. Due to the error, the user cannot add a new domain, regardless of how many times he confirms the added domain. | |

# << Defining key skills >>

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| **Use case: Defining key skills** | **ID:** *5* |
| **Short description:**  Company management adds to the domain a description of the key skills and what is expected of users in that specific domain. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged into IS and has already created a knowledge domain. IS must work. | |
| **System status after use case:**  On the knowledge domain page, in the "Key knowledge" section, a description of key knowledge and expectations from other users is displayed. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. Complete the input field "Description of key skills" in the "Key skills" section.  3. Press the "Confirm" button. | |
| **Alternative currents:**  3a1. The user cannot click on the "Confirm" button due to an error.  3a2. The user refreshes the page and tries again.3a3. Po osvežitvi poskusi znova. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  3a1. Due to the error, the user cannot confirm the added description of the key skills, regardless of how many times he adds the text. | |

# << Add, edit and delete learning materials >>

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| **Use case: Add, edit and delete learning materials** | **ID:** *6* |
| **Short description:**  Company management is enabled to edit, add and delete learning materials in each domain of knowledge. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged into IS and has already created a knowledge domain. IS must work. | |
| **System status after use case:**  After adding material, the files/links to the material appear in the "Materials" section of the knowledge domain page.  After editing the material, the edited files/links to the material appear on the knowledge domain page in the "Materials" section.  After deleting the material, it is removed from the "Materials" section on the knowledge domain page, and the message "You have successfully deleted 'Material name'" is displayed. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. In the "Materials" section, press the "Add material" button.  3. Selects a file or a link to the material.  4. Press the "Add" button.  5. Press the "Edit" button.  6. Change the "Name of the material".  7. Press the "Confirm" button.  8. Press the "Delete" button. | |
| **Alternative currents:**  2a1. The user cannot click on the "Add material" button due to an error.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing.  4a1. The user cannot click on the "Add" button due to an error.  4a2. The user refreshes the page and tries again.  4a3. Try again after refreshing.  5a1. The user cannot click on the "Edit" button due to an error.  5a2. The user refreshes the page and tries again.  5a3. Try again after refreshing.  7a1. The user cannot click on the "Confirm" button due to an error.  7a2. The user refreshes the page and tries again.  7a3. Try again after refreshing.  8a1. The user cannot click on the "Delete" button due to an error.  8a2. The user refreshes the page and tries again.  8a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  4a1. Due to the error, the user cannot confirm the added material, regardless of how many times he selects it.  7a1. Due to the error, the user cannot confirm the changed title of the material, regardless of how many times he changes the text.  8a1. Due to a bug, deleted material still appears in the "Materials" section, regardless of how many times the user deletes the material. | |

# << Entering, editing and deleting questions >>

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| **Use case: Entering, editing and deleting questions** | **ID:** *7* |
| **Short description:**  Company management is enabled to edit, add and delete questions in each domain of knowledge. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged into IS and has already created a knowledge domain. IS must work. | |
| **System status after use case:**  After adding a question, questions appear on the knowledge domain page in the "Questions" section.  After editing a question, edited questions appear on the knowledge domain page in the "Questions" section.  After deleting a question, the knowledge domain page removes it from the "Questions" section and displays the message "You have successfully deleted 'Question'". | |
| **A scenario:**  1. Choose a domain of knowledge.  2. Press the "Add question" button in the "Questions" section.  3. Fill in the "Question" input field.  4. Press the "Add" button.  5. Press the "Edit" button.  6. Change the "Question".  7. Press the "Confirm" button.  8. Press the "Delete" button. | |
| **Alternative currents:**  2a1. The user cannot click on the "Add material" button due to an error.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing.  4a1. The user cannot click on the "Add" button due to an error.  4a2. The user refreshes the page and tries again.  4a3. Try again after refreshing.  5a1. The user cannot click on the "Edit" button due to an error.  5a2. The user refreshes the page and tries again.  5a3. Try again after refreshing.  7a1. The user cannot click on the "Confirm" button due to an error.  7a2. The user refreshes the page and tries again.  7a3. Try again after refreshing.  8a1. The user cannot click on the "Delete" button due to an error.  8a2. The user refreshes the page and tries again.8a3. Po osvežitvi poskusi znova. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  4a1. Due to the error, the user cannot confirm the added question, regardless of how many times he adds it.  7a1. Due to the error, the user cannot confirm the changed question, regardless of how many times he changes the text.  8a1. Due to a bug, a deleted question still appears in the "Questions" section, regardless of how many times the user deletes the question. | |

# << Adding correct and incorrect answers >>

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| **Use case: Adding correct and incorrect answers** | **ID:** *8* |
| **Short description:**  Management has the ability to add answers to created questions. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged in to IS and has already created a knowledge domain and a question. IS must work. | |
| **System status after use case:**  User has successfully added a correct/incorrect answer. It appears below the question. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. Select a question in the "Questions" section.  3. Press the "Add answer" button.  4. Fill in the "Answer" input field.  5. Mark "Right" or "Wrong".  6. Press the "Add" button. | |
| **Alternative currents:**  2a1. The user cannot select a question.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing.  3a1. The user cannot click on the "Add answer" button due to an error.  3a2. The user refreshes the page and tries again.  3a3. Try again after refreshing.  5a1. The user cannot mark "Right" or "Wrong".  5a2. The user refreshes the page and tries again.  5a3. Try again after refreshing.  6a1. The user cannot click on the "Add" button due to an error.  6a2. The user refreshes the page and tries again.  6a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  5a1. Due to the error, the user cannot mark "Right" or "Wrong" no matter how many times they try.  6a1. Due to the error, the user cannot confirm the added answer, regardless of how many times he adds it. | |

# << Classification of employees into knowledge domains >>

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| **Use case: Classification of employees into knowledge domains** | **ID:** *9* |
| **Short description:**  Company management can select employees who have access to specific domains of knowledge. | |
| **Actors:**  Company management | |
| **Prerequisites:**  The user is already logged into IS and has already created a knowledge domain. IS must work. | |
| **System status after use case:**  The employee is added under the knowledge domain and has guaranteed access to it. | |
| **A scenario:**  1. On the profile in the "Users" section, next to a specific employee, press the "Add domain" button.  2. Mark a specific domain of knowledge. | |
| **Alternative currents:**  1a1. The user cannot click on the "Add domain" button due to an error.  1a2. The user refreshes the page and tries again.  1a3. Try again after refreshing.  2a1. The user cannot select a domain.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to the error, the user cannot add the knowledge domain to the employee, no matter how many times he tries.  2a1. Due to the error, the user cannot mark the knowledge domain, no matter how many times he tries. | |

# << Comparing knowledge between employees and tracking progress >>

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| **Use case: Comparing knowledge between employees and tracking progress** | **ID:** *15* |
| **Short description:**  Company management can have insight into the progress of employees in individual domains of knowledge. | |
| **Actors:**  Company management | |
| **Prerequisites:**  A knowledge domain must have at least one employee. IS must work. | |
| **System status after use case:**  The profile of the company's management shows a table of users and their progress by individual knowledge domains. | |
| **A scenario:**  1. Mark a specific domain of knowledge in the "Tracking progress" section of the profile. | |
| **Alternative currents:**  1a1. The user cannot select a domain.  1a2. The user refreshes the page and tries again.  1a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to an error, the system does not draw the table, regardless of how many times the user selects the knowledge domain. | |

# << Access to learning units and materials >>

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| **Use case: Access to learning units and materials** | **ID:** *10* |
| **Short description:**  The employee is given access to learning materials of a specific domain of knowledge. | |
| **Actors:**  Company employees | |
| **Prerequisites:**  The user is already logged into IS and has been added to the knowledge domain. IS must work. | |
| **System status after use case:**  On the knowledge domain page, the files/links to the materials appear in the "Materials" section. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. In the "Materials" section, select the material and open it. | |
| **Alternative currents:**  2a1. The user cannot select the material.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  2a1. Due to an error, the user cannot select the material or the selected material does not open. | |

# << Answering questions >>

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| **Use case: Answering questions** | **ID:** *11* |
| **Short description:**  The employee is enabled to answer questions in a certain domain of knowledge. | |
| **Actors:**  Company employees | |
| **Prerequisites:**  The user is already logged into IS and has been added to the knowledge domain. IS must work. | |
| **System status after use case:**  A message is displayed if the answer is correct, and the user's progress is added to the user's profile. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. Select a question in the "Questions" section.  3. Fill in the "Answer" input field.  4. Press the "Confirm" button. | |
| **Alternative currents:**  2a1. The user cannot select a question.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing.  4a1. The user cannot click on the "Confirm" button due to an error.  4a2. The user refreshes the page and tries again.  4a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  2a1. Due to a bug, the option to add an answer does not appear when the user selects a question.  4a1. Due to the error, the user cannot confirm the added answer, regardless of how many times he adds it. | |

# << Generating answers with AI >>

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| **Use case: Generating answers with AI** | **ID:** *13* |
| **Short description:**  Based on the learning materials of a certain domain of knowledge, the AI ​​can answer the question posed. | |
| **Actors:**  Company employees | |
| **Prerequisites:**  Learning material of a specific domain of knowledge is added to the AI ​​learning set. IS must work. | |
| **System status after use case:**  The answer to the question is displayed. | |
| **A scenario:**  1. Choose a domain of knowledge.  2. Press the "More" button.  3. Fill in the "Question" input field.  4. Press the "Confirm" button. | |
| **Alternative currents:**  2a1. The user cannot click on the "More" button due to an error.  2a2. The user refreshes the page and tries again.  2a3. Try again after refreshing.  4a1. The user cannot click on the "Confirm" button due to an error.  4a2. The user refreshes the page.  4a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to a bug, the knowledge domain does not open when it is selected by the user.  2a1. Due to a bug, the option to ask a question does not appear when the user presses the button.  4a1. Due to the error, the user cannot confirm the question, regardless of how many times he adds it. | |

# << Generating and updating the knowledge matrix >>

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| **Use case: Generating and updating the knowledge matrix** | **ID:** *16* |
| **Short description:**  The employee can have insight into his progress in individual domains of knowledge. | |
| **Actors:**  Company employees | |
| **Prerequisites:**  The employee must have access to at least one knowledge domain. IS must work. | |
| **System status after use case:**  The employee's profile displays a knowledge matrix with progress from all knowledge domains to which the user has access. | |
| **A scenario:**  1. The knowledge matrix is ​​displayed on the profile in the "Tracking progress" section. | |
| **Alternative currents:**  1a1. The knowledge matrix is ​​not displayed on the profile.  1a2. The user refreshes the page.  1a3. Try again after refreshing. | |
| **Exceptions:**  1a1. Due to the error, the system does not draw the knowledge matrix, regardless of how many times the user refreshes the page. | |

# << Analysis of answers >>

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| **Use case: Analysis of answers** | **ID:** *14* |
| **Short description:**  The user's answer to an open-ended question can be analyzed by AI and determine whether the answer is correct or not. | |
| **Actors:**  AI | |
| **Prerequisites:**  Learning material of a specific domain of knowledge is added to the AI ​​learning set. IS must work. | |
| **System status after use case:**  It displays whether the answer is correct or not. | |
| **A scenario:**  1. Reads the user's response.  2. The AI ​​algorithm learns from the learning materials of the knowledge domain.  3. Compares the answer with the question.  3. Prints whether the answer is correct or not. | |
| **Alternative currents:**  1a1. The read response is empty.  1a2. Stops the process.  3a1. The question is empty.  3a2. Stops the process.  3a1. The system returns an error as a response.  3a2. Try reading the answer again.  3a3. Once again, he learns from the learning materials of the domain of knowledge.  3a4. Again, he compares the answer with the question.  3a5. Writes the answer to the question again. | |
| **Exceptions:**  2a1. Due to an error, the system does not have access to the learning material.  4a1. Due to an error, the system does not return a response, regardless of whether an error was returned or not. | |