**System Administrator**

| Online task answering system: Register | | |
| --- | --- | --- |
| Actor(s) | Admin + Teachers + Students | |
| Description | Is responsible for bringing teachers and students onto the application. He does this by adding them to the system by name, pupil number, etc. | |
| Data | User information | |
| Stimulus | Invitation link is going out | |
| Response | Teachers/students create their personal account | |
| Comments | - | |

**Student**

| Online task answering system: Completion of the exercise | | |
| --- | --- | --- |
| Actor(s) | Students | |
| Description | The student's task is to complete the multiple-choice exam, select answers and submit the exam for assessment | |
| Data | Exam ID, pupil number, selected answers, submission status | |
| Stimulus | The student logs into the system and navigates to the "Take exam" button | |
| Response | Questionnaire pops up, student selects the answers for each question and submits the test | |
| Comments | Interface that is not distracting must be provided paired with mechanism who blocks the option to have e.g. second tab open which could allow cheating | |

| Online task answering system - Second attempt | | |
| --- | --- | --- |
| Actor(s) | Student | |
| Description | Opens the platform for the second attempt exam, selects the second attempt and starts working on it | |
| Data | Pupil number, password | |
| Stimulus | Click on Start button | |
| Response | Second attempt starts | |
| Comments | - | |

| Online task answering system: Receiving the certificate | | |
| --- | --- | --- |
| Actor(s) | Students | |
| Description | Students receive their grades for completed examinations and the system issues these grades. | |
| Data | Exam ID, pupil number, grading status, final grade | |
| Stimulus | You log in to the system and navigate to the "Exam results" area | |
| Response | They can see their exam results and any feedback they have received. | |
| Comments | - | |

**Teacher**

| Online task answering system: Adding tasks with the help of AI | | |
| --- | --- | --- |
| Actor(s) | Teachers | |
| Description | Teacher using AI assistance to generate/validate multiple-choice questions for exams. | |
| Data | Exercise ID ,AI-generated questions, AI-generated options, Teacher-added questions (if any), Teacher-added options (if any), Correct answers | |
| Stimulus | The teacher logs into the system and navigates to the "Add questions" | |
| Response | The teacher gives input to the AI system by specifying the topic or the parameters for creating the questions or enters questions themselves | |
| Comments | Implementation of a system to store both AI-generated and manually added questions in the database for next years | |

| Online task answering system: Login | | |
| --- | --- | --- |
| Actor(s) | Admin (+ Teachers + Students) | |
| Description | Providing credentials to gain access to their accounts | |
| Data | User ID/Pupil number, Password | |
| Stimulus | Open the application and use the login page | |
| Response | If the login details are valid, the user is given access to their account and is redirected to their dashboard | |
| Comments | Implementation of a mechanism for recovering or resetting a password! | |

| Online task answering system: Specification | | |
| --- | --- | --- |
| Actor(s) | Teacher | |
| Description | Consults AI to create questions, selects the topic there using keywords, whereupon the AI comes up with questions about the epoch, for example | |
| Data | Multiple choice questions | |
| Stimulus | Selects the topic using keywords | |
| Response | AI comes up with questions about the epoch, for example | |
| Comments | - | |

| Online task answering system: Accept/reject the questions | | |
| --- | --- | --- |
| Actor(s) | Teachers | |
| Description | Can either accept the questions for inclusion in the examination bank or reject them if they do not fulfill the criteria. | |
| Data | Exercise ID, Questions submitted, Options provided, Correct answers, Acceptance status (Accepted/Rejected) | |
| Stimulus | Logs into the system and navigates to the "Exam questions" section | |
| Response | Check the questions, together with the options and the correct answers. | |
| Comments | - | |