**2. Identification of User Stories**

**Admin**

* As an administrator, I need to able to maintain any system data such as closure date for each academic year and staff detail.

**Quality Assurance Manager**

* As a quality assurance manager, I need a QA Manager account so that I can oversee and manage the whole process.
* As a QA Manager, I can add additional categories at any time, and delete categories but only if they have not been used.
* As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas.
* As a QA Manager, I need to be able to download all the data after the final closure date in a CSV file for transfer out of the system.
* As a QA Manager, I need to be able to download any uploaded documents in a zip file.

**QA Coordinator**

* As a QA coordinator, I need a QA coordinator account so that I’m responsible for managing the process for their specific department, and for encourage staff to contribute.
* As a QA coordinator, I get email notification from related department when once an idea is submitted.
* As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas.

**Staff**

* As a staff, I need a staff account so that I have the opportunity to submit one or more ideas.
* As a staff, I must agree to Terms and Conditions so that I can submit ideas.
* As a staff, I can optionally upload documents so that these documents can support my ideas.
* As a staff, I can categorize ideas from a list of categories at the point when they are submitted.
* As a staff, I can see all submitted ideas and can comment on any idea.
* As a staff, I can give Thumbs Up or Thumbs Down for any idea, but only once for any idea.
* As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas.

**System (Functioning and Reporting)**

* Ideas and comments can be posted anonymously, although the author’s detail will be stored in the database so that any inappropriate ideas can be investigated.
* All new ideas are disable after a closure date for new ideas, but comment continue be done until a final closure date.
* List of Most Popular Ideas, most viewed ideas, latest ideas and latest comments must be made available to all users.
* List of ideas need to be paginated.
* Statistical analysis (e.g., number of ideas per Department) need to be available.
* The interface must be suitable for al l devices (e.g., mobile phones, tablets, desktops)

**3. Product backlogs**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **As a** | **I want to** | **So that** | **Priority** | **Story point** | **Sprint # Assignment** | **Status** |
| 1 | Admin | Manage closure date and staff detail | I can maintain any system data |  |  |  |  |
| 2 | QA Manager | Create a QA Manager account | I can oversea and manage the whole process |  |  |  |  |
| 3 | QA Manager | Add and delete additional categories. | I can manage categories |  |  |  |  |
| 4 | Author | Receive automatic email notification when a comment is submitted | To check comments |  |  |  |  |
| 5 | QA Manager | Download all the data as CSV file | Manage data |  |  |  |  |
| 6 | QA Manager | Download any uploaded document as zip | Manage document |  |  |  |  |
| 7 | QA coordinator | Create a QA coordinator account | I’m responsible for managing the process for specific department |  |  |  |  |
| 8 | QA coordinator | Get email notification from related department when idea is summitted | To check ideas |  |  |  |  |
| 9 | Staff | Create Staff account | I have the opportunity to submit one or more ideas |  |  |  |  |
| 10 | Staff | Agree terms and conditions | I can submit ideas |  |  |  |  |
| 11 | Staf | Upload documents | I can support my ideas |  |  |  |  |
| 12 | Staff | Categorize ideas from a list of categories | I can tag ideas |  |  |  |  |
| 13 | Staff | See all submitted ideas | I can comment on any ideas |  |  |  |  |
| 14 | Staff | Give thumbs up or down for any ideas |  |  |  |  |  |
| 15 | Staff | Can upload ideas anonymously |  |  |  |  |  |

**4. Sprint backlogs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **User Story** | **Tasks** | **Owner/ Assignee** | **Estimated efforts (hrs)** | **Status** |
| 1 | As an administrator, I need to able to maintain any system data such as closure date for each academic year and staff detail. | Design the UI for product page | Developer |  |  |
| Coding for product page |  |  |  |
| Automate test |  |  |  |
| Code review |  |  |  |
| 2 | As a quality assurance manager, I need a QA Manager account so that I can oversee and manage the whole process. | Design the UI for product page | Developer |  |  |
| Coding for product page |  |  |  |
| Automate test |  |  |  |
| Code review |  |  |  |
| 3 | As a QA Manager, I can add additional categories at any time, and delete categories but only if they have not been used. | Design the UI for product page | Developer |  |  |
| Coding for product page |  |  |  |
| Automate test |  |  |  |
| Code review |  |  |  |
| 4 | As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 5 | As a QA Manager, I need to be able to download all the data after the final closure date in a CSV file for transfer out of the system. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 6 | As a QA Manager, I need to be able to download any uploaded documents in a zip file. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 7 | As a QA coordinator, I need a QA coordinator account so that I’m responsible for managing the process for their specific department, and for encourage staff to contribute. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 8 | As a QA coordinator, I get email notification from related department when once an idea is submitted. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 9 | As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 10 | As a staff, I need a staff account so that I have the opportunity to submit one or more ideas. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 11 | As a staff, I must agree to Terms and Conditions so that I can submit ideas. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 12 | As a staff, I can optionally upload documents so that these documents can support my ideas. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 13 | As a staff, I can categorize ideas from a list of categories at the point when they are submitted. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 14 | As a staff, I can see all submitted ideas and can comment on any idea. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 15 | As a staff, I can give Thumbs Up or Thumbs Down for any idea, but only once for any idea. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 16 | As an author, I can receive an automatic email notification whenever a comment is submitted to any of my ideas | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 17 | Ideas and comments can be posted anonymously, although the author’s detail will be stored in the database so that any inappropriate ideas can be investigated. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 18 | All new ideas are disable after a closure date for new ideas, but comment continue be done until a final closure date. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 19 | List of Most Popular Ideas, most viewed ideas, latest ideas and latest comments must be made available to all users. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 20 | List of ideas need to be paginated. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 21 | Statistical analysis (e.g., number of ideas per Department) need to be available. | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |
| 22 | The interface must be suitable for all devices (e.g., mobile phones, tablets, desktops) | Design the UI for product page |  |  |  |
| Coding for product page |  |  |  |
| Automated test |  |  |  |
| Code review |  |  |  |