Functional requirement

1 table. Functional requirement „Submission “

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 1. | **Requirement type:** | functional | | |
| **Requirement:** | System shall provide the ability for users to submit anonymous feedback | | | | | |
| **Description** | The system should allow users to submit feedback without disclosing their identity. This is essential for encouraging honest and open communication, which is a core aspect of an anonymous feedback system. | | | | | |
| **Source:** | Requirement is requested by the stakeholders | | | | | |
| **Fit criteria’s** | * Users can access a dedicated feedback submission form * The form does not request personal information * Users receive a confirmation upon successful submission * Submitting feedback through the form results in the successful creation of an anonymous entry in the system (PTA) * Attempting to submit feedback without completing the required fields should result in an error message (NTA) | | | | | |
| **Priority:** | High | **Conflict:** | None | **Dependencies** | None |

2 table. Functional requirement „Moderation “

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 2. | **Requirement type:** | functional | | |
| **Requirement:** | System shall provide a moderation mechanism for reviewing and approving submitted feedback | | | | | |
| **Description** | To maintain the integrity and appropriateness of the feedback, the system needs a moderation feature that allows admins to review and approve submitted feedback before it becomes publicly visible | | | | | |
| **Source:** | Requirement is requested by administration team | | | | | |
| **Fit criteria’s** | * Admins can access a moderation interface to review pending feedback * Admins can remove feedback entries * After an admin approves feedback, it becomes publicly visible on the platform (PTA) * If an admin attempts to approve feedback without reviewing it, a warning should be displayed (NTA) | | | | | |
| **Priority:** | High | **Conflict:** | None | **Dependencies** | 1 (Submission) |

3 table. Functional requirement „Upvote “

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 3. | **Requirement type:** | functional | | |
| **Requirement:** | System shall allow users to upvote or downvote feedback entries | | | | | |
| **Description** | Users should have the ability to express agreement or disagreement with feedback entries through a voting mechanism. This enhances user engagement and helps identify popular or valuable feedback | | | | | |
| **Source:** | Requirement is requested by stakeholders | | | | | |
| **Fit criteria’s** | * Each feedback entry has upvote and downvote options * Users can only vote once for each feedback entry * Total upvotes and downvotes are tracked and visible * After a user upvotes a feedback entry, the total upvote count for that entry increases by 1 (PTA) * Attempting to upvote or downvote multiple times for the same entry should result in only one vote being counted (NTA) | | | | | |
| **Priority:** | Medium | **Conflict:** | None | **Dependencies** | 1 (Submission) |

4 table. Functional requirement „Analytics “

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 4. | **Requirement type:** | functional | | |
| **Requirement:** | System shall provide an analytics feature for teachers to monitor student engagement and feedback trends | | | | | |
| **Description** | Teachers need insights into user engagement, including the number of feedback submissions, voting patterns, popular topics, etc. | | | | | |
| **Source:** | Requirement is requested by stakeholders | | | | | |
| **Fit criteria’s** | * Teachers can access an analytics interface * Analytics reports include data on feedback submission, voting trends and frequently discussed topics. * After applying a data range filter, the analytics report displays data specific to the selected time frame (PTA) * If a teacher attempts to access analytics without an assigned course, an access-denied message should be displayed (NTA) | | | | | |
| **Priority:** | Medium | **Conflict:** | None | **Dependencies** | None |

Non-Functional requirement

1 table. Non - Functional requirement „Encryption“

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 1. | **Requirement type:** | Security | | |
| **Requirement** | System shall implement encryption for all communication between users and the server, ensuring the confidentiality of user data | | | | | |
| **Description** | The requirement is crucial for safeguarding the privacy and confidentiality of user-submitted feedback. By encrypting all communication, the system prevents unauthorized access to sensitive data. | | | | | |
| **Source:** | Requested by security experts and stakeholders | | | | | |
| **Fit criteria’s** | * All data exchanged between the user’s device and the server is encrypted using a secure protocol HTTPS * A security audit confirms that encryption mechanism is correctly implemented * It is verififed that data transmitted between the user and the server appears as encrypted (PTA) * If encryption is disabled, attempts to intercept and decipher communication reveal sensitive data (NTA) | | | | | |
| **Priority:** | High | **Conflict:** | None. | **Dependencies** | None |

2 table. Non - Functional requirement „Viewing“

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement id** | 2. | **Requirement type:** | Performance | | |
| **Requirement** | System response for viewing feedback entries shall not exceed 3 seconds under normal load condition | | | | | |
| **Description** | Addresses the responsiveness of the system, ensuring a positive user experience. | | | | | |
| **Source:** | Requested by stakeholders | | | | | |
| **Fit criteria’s** | * The average response time is less than 3 seconds * Performance testing results demonstrate that, under normal load conditions, the system consistently responds to feedback viewing requests withtin 3 second limit (PTA) * The response exceeds 3 seconds under normal load conditions (NTA) | | | | | |
| **Priority:** | Medium | **Conflict:** | None. | **Dependencies** | None |