

PRESENTATION ANALYSIS TOOL

Problem Statement:

In today's world, presenting our ideas play a major role in our success. Though people can talk about their ideas but presentation requires way more and for a layman to master this skill set on his own is a very arduous task. Although there are books and lectures that help improve oneself but they lack to provide instant personalised advices and suggestions, which although any other human being can do but not necessarily being unbiased. So, how can a person willing to improve upon his presentation skills, actually work on it ?

Project: Presentation Analysis Tool

Functional Requirements:

1. Registration and Login
 - a. The new users of the system should be provided a registration facility.
 - b. The users who have already registered should be provided means to log in to the system so that the system knows who it is interacting with.
2. Provision for uploading presentations
 - a. The registered users after logging into the system should be able to upload videos of their presentations.
3. Generation of Reports
 - a. The system should generate reports of the presentation after analysing the presentation video with minimum response time.

- b. The report of a particular user should only be shared with that user and not anyone else.
- 4. Provision for feedback
 - a. The system should provide ways to get feedback from its users.
 - b. The feedback from the user should be anonymous i.e. the system should take the feedback without relating it with the user's personal information.

Non-Functional Requirements:

1. Efficient algorithms for validating user's information
2. Efficient database for storing user registrations and the videos uploaded.
3. Tools and Technologies required: Web technologies ,Oracle Database.
4. Algorithms to provide quick analysis of the presentation videos.
5. User friendly : User should find the application easy to operate.
6. Scalability: As all the videos will be stored, so the system should be scalable. Also with more data and increasing features, the size of system is likely to grow. In order to handle the load the system should be scalable.
7. Privacy: The user's data and information should be private and privacy should be given utmost importance.
8. Generation of analytical and statistical data regarding the number of users using the system, number of videos uploaded.

Scenario Analysis:**1. Registration**

Pre condition: The user inputs his/her details.

Scenario: The user data is validated.

Post Condition: The user is registered with the system.

2. Uploading the presentations

Pre condition: The user is logged into the system.

Scenario: The user uploads a video of his/her presentation.

Post condition: The video is available with the system for its analysis.

3. Generation of Reports

Pre condition: The video uploaded by the user is available with the system.

Scenario: The system analyses the video uploaded.

Post condition: The system generates a report of the video that is visible to the user who uploaded the video.

4. Analytics and Statistics

Pre condition: The system administrator demands analytics of the application.

Scenario: The required analytics are generated by the system based on the information collected in the database.

Post condition: The system administrator is provided the analytics and statistics for further decision making.

5. Feedback

Pre condition: The user wants to appreciate the system OR the user has an issue in interacting with the system OR the user has a new idea related to the system.

Scenario: The user inputs the feedback.

Post condition: The feedback is recorded by the system and it is sent to the system administrator.

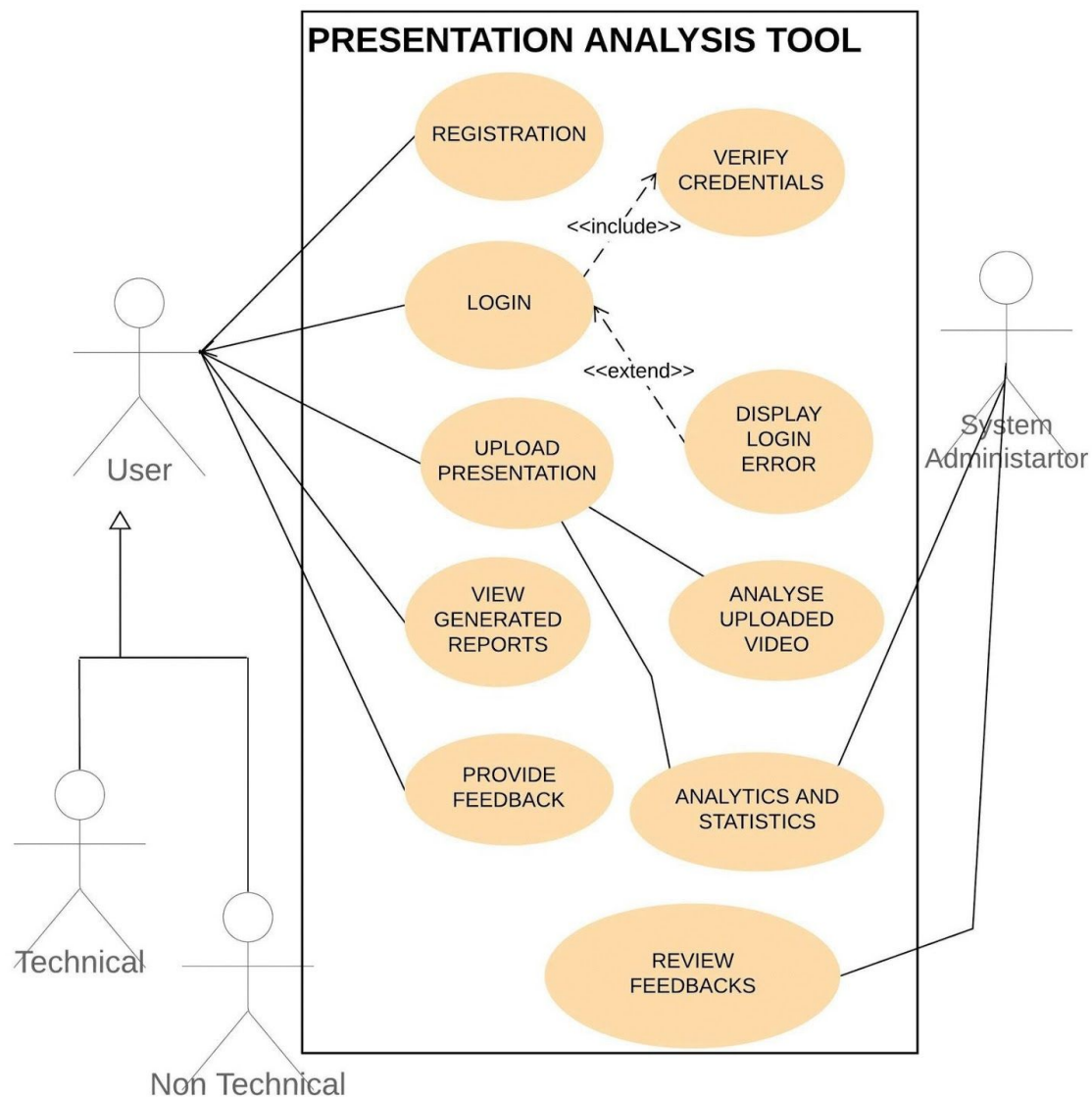
6. Review Feedback

Pre condition: The feedback is recorded by the system and it is sent to the system administrator.

Scenario: The administrator on receiving number of similar feedbacks may decide to make necessary updates to the system.

Post condition: The system gets updated.

USE CASE DIAGRAM:



GROUP INFORMATION

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