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| **BSc (Hons) Computing Course 2021/22**  **Level 6 Production Project** | | |
| **Name:** Ayush Bajgai | | **Student I.D.:** 77227151 |
| **Course:** BSc (Hons) Computing | | **Supervisor’s Name:** Saroj Shakya |
| **Final Project Individual Aim & Objectives** | | |
| **Title of my Project:** Improve presentation and public speaking skills by analyzing speech | | |
| **Aim of my Project:**  The main aim of the project is to create an android application for those who wants to improve their public speaking and presentation skills by helping the people to build their confident while delivering speech. Similarly, this application will look for breathing, repetition of words and pausing. So, this application can have a great influence on what the speaker is trying to express and allows the listener to focus on the message itself. | | |
| **Objectives of my Project:**   * Suggesting the user in developing Vocabulary and Fluency * Checking and balancing the pauses or breathing stops * Analysing speech will ensure that all words are pronounced correctly * Providing an opportunity to learn how to be a good listener * View the reports and feedback from the system * Given recent top news to engage audience in conversation so that they are not bored * To meet public demands or needs, developer must improve their capabilities * While checking punctuality it adds some recent words and phrases * Avoids repetition of words | | |
| **Specification of my product**  M- Must have  S- Should have  C- Could have  W- Would have  The product specification is as follows, and it is broken down into functional requirements and non-functional requirements, and it is stated using the Moscow method:  **Functional Requirement**  Must have   * User must be able to create an account * User must be able to login to an account * User must be able to manage their profile * User must be able to view their profile * User must be able to view their dashboard * User must be able to view their top stories * User must be able to logout from the system * User must be able to change their password in profile page * User must be able to view their reports * User speech must be able to convert to text * User speech must be recognised by the application * User grammar must be provided with feedback * User must be able to view useful tips * User must be able to view errors and suggestions suggested by the application   Should have   * User should be able to change their password * User password should be validated * User should not be able to register with used email address * User email address should be validated * User change password should be validated profile page * Forget password link should be sent via users email * User should be able to change their password via email   Could have   * User password could be encrypted * User correct grammar could be provided with feedback   **Non Functional Requirement**   * Usability * Supportability * Performance * Security * Reliability | | |
| **Evaluation**  The goal is to improve user’s vocabulary and punctuality easy, fast, and cost-effective. There are a wide range of scope in public speaking ranging from entrepreneurs to students. In addition, this software will allow an individual to improve speech and help them in content delivering, which I feel is quite important for them. I decided to use Android Studio for the project since it has a single code base that can be used on Android. Time and money will both be saved as per need. As a result, it has a big online community and easy access. Choosing Android Studio is based on its applications, which provide unparalleled performance and quickness. | | |
| **Human Resource** | | |
| **Name:** Ayush Bajgai | **Supervisor:** Saroj Shakya | |