**CHITKARA UNIVERSITY**

**FORMATIVE ASSESSMENT-4**

PROJECT DETAILS TEMPLATE

|  |  |
| --- | --- |
| Group Name | **Group 04** |
| Project Title | Swift Typing |
| Team Leader | Garvit Chaurasiya |
| Details of Work division | |  |  | | --- | --- | | **Student/Roll no** | **Work / Role Allotted** | | Garvit Chaurasiua /2010991146 | JS & CSS/Team Leader | | Hardik Syal/2010991149 | CSS & JS/Chief Designer | | Ayush Soni/2010991142 | CSS & HTML/Designer | | Akshit Saini/2010991136 | HTML & CSS/Team Coordinator | |  |  | |
| High level Approach to be followed: | * User is provided with various levels with real time accuracy and speed check. * Used API for random quote generation that challenges the user. * A result section is available for the user to check and improve their performance. * Time never stops, a reason to provide a timer. |
| Lower-level Approach to be followed: | * On reload our site shows an animated Swift Typing logo for a couple of seconds. * Choosing test level and clicking on load test gives a paragraph to type. There are five different paragraphs. * Choosing “Random Quote” from drop-down menu generates random quote using API. * Once a paragraph is completed irrespective of correct or incorrect characters the text-area, timer, speed, accuracy resets for chosen test and the result of completed test will be displayed in the result section (It shows attempt number, speed, accuracy, and time taken). * The user won’t be able to copy-paste or drag-drop in the text-area. * Real time letter by letter compliment with the input provided by the user which are indicated by colors. * A space theme is used as a background to make our site more attractive. * Continuous and basic animations with some mouse-based controls are used to make our website livelier and more interactive. |
| Advantage of the project with applicability: | * Five paragraphs and an API is added to the project which will help the user to get familiar with all the keys of the keyboard rather than typing a same paragraph again and again. * Real time letter by letter compliment with the input provided by the user (which are indicated by colors) with real time accuracy too. It makes easy for users to achieve high accuracy. * A result section is available for the user to check and improve their performance. |
| Schedule for implementing the use case:   * Share the Tentative Date of Completion of Expected Deliverables | |  |  | | --- | --- | | **Deliverable** | **Expected Date of Completion** | | Basic HTML and JavaScript | 10-3-21 | | CSS & Designing | 03-5-21 | | Complete Project | 15-5-21 | |  |  | |
| Future scope of the project | The number of freelancers and computer users are increasing exponentially so typing speed with a good accuracy is must for any work to be done efficiently with better results, so our website will help users to achieve that. |

**DOCUMENT HISTORY:**

|  |  |
| --- | --- |
| Created By | Garvit Chaurasiya |
| Approved By | Dr. Ashima |
| Month of Creation | April |