PERFORMANCE TRACKING

## **REQUIREMENT AND PLAN**

### **Introduction :**

* Performance tracker is used to track the performance of trainees. It will keep track of modules and show the performance in the form of spider chart.
* It will even provide the comparison between all modules and average of the whole class.
* Main objective of the project is to keep track of the student’s average and individual performance, so that it will be easy to understand which module needs the most focus.

### **Feasibility Analysis**

### **Market feasibility -:**

* Performance tracker gives simple and user-friendly view of performance of individual trainee.
* Trainees can improve performance in Training by using Performance tracker
* It can be used for any trainee who’s field related to education
* Faculty can also see the spider diagram of trainee

### **Technical feasibility -:**

* Use of spider diagram which is easy to understand
* Combine the class marks and give average
* Faculty and trainee can access
* Give top 5 performer and bottom 5 performer

## **MY PRODUCT**

### **High level requirement**

* Performance tracker should track score from 2 survey result and 2 test result
* Potential of combining data should be more then five module
* Give output in form of spider diagram
* Compare the individual data from class average data

### **Low level requirement**

* Score should be taken from pre survey, post survey, pre test, post test.
* Individual have own data of pre survey, post survey, pre test, post test in the form of spider diagram
* range of score is 0 to 10
* Module name such as LO\_01, LO\_02, LO\_03, LO\_04, LO\_05, LO\_06
* Trainee should divided into two part top 5 percent performer will get green flag bottom 5 percent performer will
* get red flag

**Requirements (HL, LL) -**

High Level Requirements

|  |  |  |
| --- | --- | --- |
| **REQ\_ID** | **REQUIREMENTS** | **REQUIREMENT DESCRIPTION** |
| **HL\_1** | To track the score | It will track two survey results & two test results |
| **HL\_2** | Display overall result to the faculty | Faculty should be able to track progress at every step |
| **HL\_3** | Faculty should see min(), max(), top 5% score, bottom 5% score | Faculty should be able to access data based on the given functions |
| **HL\_4** | Module names are stated as LO\_1 to LO\_6 | Module 1 is named as LO\_1 and so on and so forth |

## **SWOT**

|  |  |
| --- | --- |
| **Strength**  Strength of our project is that this project makes it easy to track progress of a student in surveys and in tests which can be seen by students as well as teachers to monitor the learning of students . | **Weakness**  Weakness of our project is that is takes data that is manually entered in excel not autonomous data from database. |
| **Opportunities**  Opportunity is given to a student to check where he/she stands with respect to class and teachers can look for progress.They can also look for area to improve from the spider charts and the areas that they are excelling . | **THREAT**  The main threat to our project is the duplicate entries that may come and handling those would be a challenge |