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**Academic Year: 2023-24**

**Class: TYCM-Win Group No: 26 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title of Project: Attendance Monitoring System Using Facial Recognition**

**Assignment No: 6**

**Name of Activity (Assignment): Black Book Report**

**Name: Mrs.Y.U.Kadam**

**Signature of Guide:**

**Preparation of Black Book**

The Black Book serves as a comprehensive documentation of the Attendance Monitoring System’s application, detailing its development process, features, and functionality. Below is a overview of how the black book was prepared, encompassing the contents and structure outlined in the provided list:

1. Certificates:

* The black book includes certificates such as Achievements, Black-Book Completion Certificate, and Acknowledgment, recognizing the contributions and support received during the development.

2. Vision and Mission:

* The black book begins with a clear statement of the vision and mission behind the Attendance Monitoring System Using Facial Recognition project, outlining its objectives and goals of computer Technology department K.K Wagh Polythetic Nashik

3. Abstract:

* An abstract provides a concise summary of the entire black book, offering readers an overview of the contents and scope of the document.

4. Introduction:

* The introduction section introduces the project, providing an overview, defining the problem statement, stating the motivation behind the project, conducting a literature survey, and analyzing existing systems in the field of sign language recognition.

5. Analysis and Feasibility:

* This section delves into the analysis of the project, evaluating its feasibility and viability. It assesses various factors such as technical, economic, and operational aspects to determine the project's feasibility.

6. Project Requirements:

* The project requirements section outlines the specifications and prerequisites for developing the application, covering functional and non-functional requirements, as well as software and hardware prerequisites.

7. Project Design and Implementation:

* This section elaborates on the design and implementation aspects of the application, including design concepts, system diagrams, DFD diagrams, UML diagrams, module analysis, algorithms, flowcharts, and other technical details.

8. Results and Screenshots:

* Results and screenshots showcase the output and user interface of the application, providing visual representations of its functionality and features.

9. Testing:

* The testing phase involves the evaluation of the application through test cases to ensure its reliability, accuracy, and performance.

10. Cost Estimation:

* Cost estimation involves estimating the budget and expenses associated with developing and implementing the application.

11. Application:

* This section demonstrates the practical application and utility of the application in real-world scenarios.

12. Future Scope:

* Future scope discusses potential enhancements, developments, and expansions of the project, exploring avenues for further innovation and improvement.

Conclusion:

* The conclusion section summarizes the key findings, achievements, and implications of the project, highlighting its significance and impact in the field of sign language recognition technology.

References:

* The black book includes a list of references citing sources, research papers, and materials used during the development and documentation of the application.

Overall, the preparation of the Black Book involved thorough documentation and organization of various aspects of the project, providing a comprehensive overview of its development journey and outcomes.

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