**BRIGHT FUTURE**

**Mini Project Report**

Submitted in partial fulfillment of the requirements for the award of the degree in

**INTEGRATED M.Sc. PROGRAMME IN COMPUTER**

**SCIENCE -DATA SCIENCE**

Submitted by

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**CERTIFICATE**

This is to certify that the project entitled “**BRIGHT FUTURE**,” submitted in partial fulfillment of the requirements for the award of the degree in **Integrated M.Sc. Computer Science – Data Science**, constitutes a bonafide report of the mini project conducted by **Karthik Unnikrishnan (Reg. No: 223142810012)** during the academic year 2024-2025.

**Internal Guide**  **Head of the Department**

**Examiner**

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**ABSTRACT**

A growing concern in educational institutions is student attrition and the need for personalized learning support. Traditional methods of student support often struggle to proactively identify at-risk students and provide tailored guidance. This challenge is further amplified by the increasing demands on students and the need for effective tools to manage their academic journey.

Despite the availability of digital resources, many educational institutions still rely on conventional approaches that lack the predictive capabilities and personalized features necessary to significantly impact student success rates. These limitations can hinder the ability to provide timely interventions and optimize the learning experience.

In this project, we propose the development of BrightFuture, an integrated educational support system equipped with advanced dropout prediction, personalized course recommendations, and a comprehensive note-taking application to address the multifaceted challenges faced by modern students and educational institutions.

**CONTENTS**

1. Introduction…………………………………………………………...……………….1
   1. Need for study…………………………………………………..….......................1
      1. Problem Statement………………………………………….……………2
   2. Objectives………………………………………………...…….….……………..2
      1. Primary Objectives…………………………………....….....……………2
      2. Secondary Objectives……………………………………….……………3
   3. Summary…..………………………………………………...……………………3
2. Literature Review………………………………………………………………...……4
   1. Introduction………….………………………………………………....................4
   2. Review of Literature…….….………………………………………………….…4
   3. Requirement Analysis……..…………………………………………………...…6
      1. Software Requirement Specification………………………………….…7
   4. Proposed Model………….…………………………………………...................10
   5. Summary……………….……………………………………………..…………11
3. Design Specification….………………………...……………………………………12
   1. Table Design……………...……………………………………………….…….12
   2. Data Flow Diagram…………….…………………………………………..……21
   3. Workflow ( Machine Learning Model )...............................................................24
   4. Workflow ( Recommendation Model ).................................................................25
   5. Workflow(Contact Functionality)........................................................................26
4. Implementation & Result……………….…………….……………………...............27
   1. Prediction Model Implementation…………………………………………….27
      1. Dataset & Dataset Preprocessing ..……………………………………. 28
      2. Select important features………………………………………….…….29
      3. Removing outliers………………………………………………………32
      4. Models Training……………………………………………...................32
      5. Models Result…………..………………………………………………36
      6. Conclusion……………………………………………………………...36
   2. Recommendation System Implementation…………………………………….37
      1. Data Source and Preprocessing…………………………………………..37
      2. Core recommendation function and user interaction…...…......................37
      3. Technology and methodology……………………………………………38
      4. Result……………...………………………………..……………………38
      5. Conclusion……….………………………………………………………39
   3. Note-Taking App Implementation……………..………………………………..39
      1. User authentication and access……………….………………………….39
      2. Collection-based organization……….………….……….........................40
      3. Note and reference management…..…...….…..……….….......................40
      4. Multimedia integration and storage….…..…….….………......................40
      5. Database storage and user profiles…....…..…..….…..….……………….40
      6. Testing………………….…………….……………………......................40
      7. Conclusion…….……………...………..…….……….………………….44
   4. Contact Functionality Implementation…………………………….....................44
      1. Form implementation and user interaction………………………………44
      2. Email processing and delivery…………………………………………...45
      3. Technology and methodology……………………………………………45
      4. Result and discussion…………………………………………………….45
      5. Conclusion……………………………………………………………….45
5. Conclusion…………………………………………………………...………………46
   1. Advantages…………..………………………...……….…….…………………46
   2. Limitations……………..……….……………………………………………….46
   3. Future Scope…………….…………….………………………………………...47

**Reference………………………………………………………………………………..48**

**Appendix……………………………………………………..………………………….49**

   Screenshots