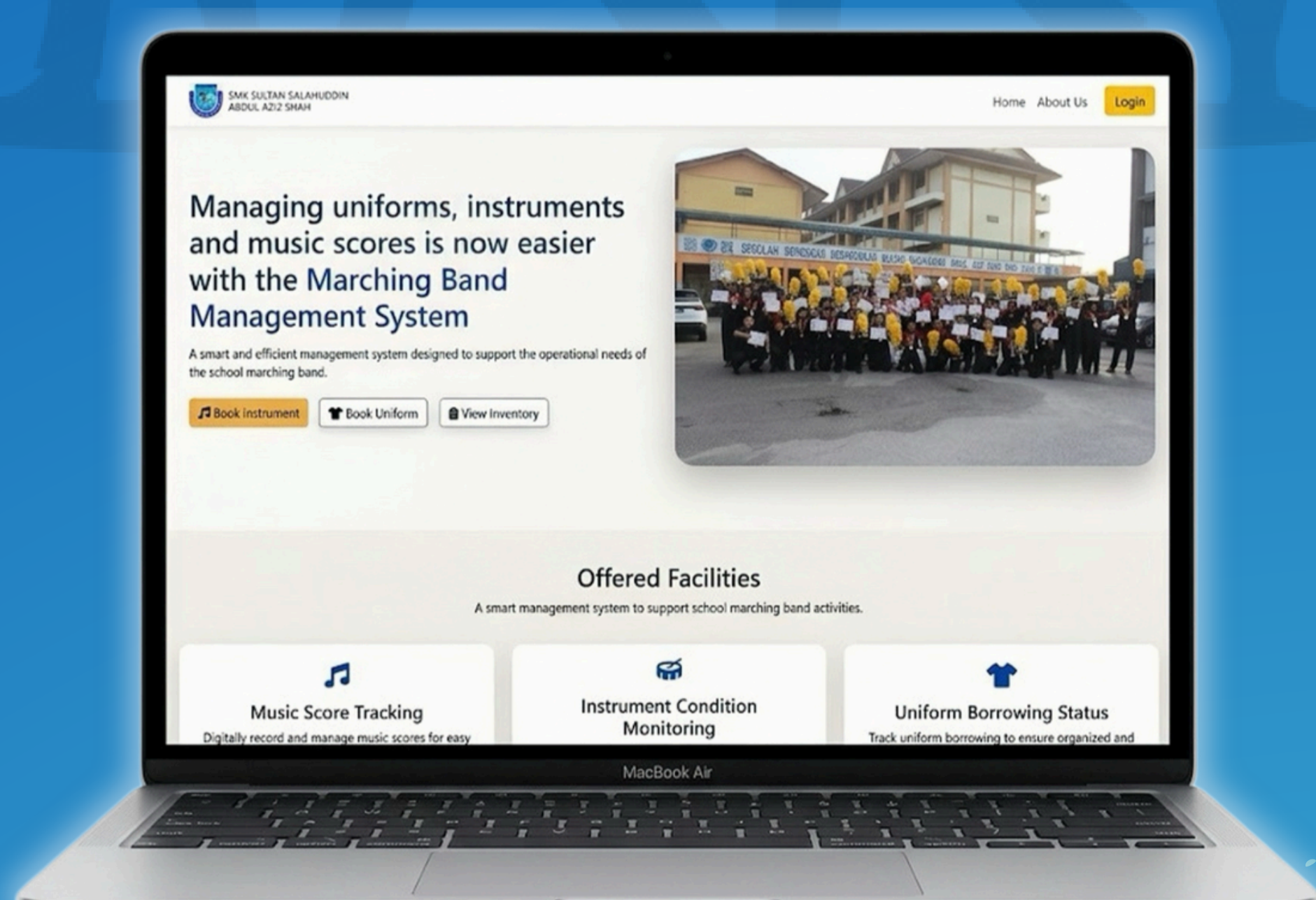




Marching Band Management System

SMK SULTAN SALAHUDDIN ABDUL SHAH



SUPERVISOR
PUAN SITI DIANAH BINTI ABDUL BUJANG
DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

SITI NURFAZWANI BINTI BAHAROM
17DIT23F2036

NORANIM SHUHAILA BINTI ROSLI
17DIT23F2012

AMIRAH SORFINA BINTI MOHD DZULKIFLI
17DIT23F2030

PRODUCT DESCRIPTION

The Marching Band Management System helps schools manage band items like uniforms, instruments and music scores. It replaces manual records, making it easier for admins to handle bookings and for students to check availability. Overall, it makes band management simple, fast and organized.

PROBLEM AND CAUSES

- Inefficient marching band management system
- Reporting Feature Not Available
- Difficult to track record of booking

SIGNIFICANTS AND BENEFITS

01 Track Items Easily

Keeps clear records of uniforms, instruments, and music scores to prevent loss or damage.

Save Time 02

Quickly check item availability, bookings, and returns without manual logbooks.

03 Stay Organized

Reports and dashboards help administrators monitor activities and prepare for practices and performances.

OBJECTIVES

- To develop a dashboard that summarized inventory reports for easy monitoring.
- To develop a band system that records uniform quantities and conditions, borrowing, return status and missing items to reduce the risk of loss.
- To provide status of band tracking of uniforms, instruments and music scores, including booking records, item condition, availability and maintenance

METHODOLOGY & MATERIAL



We choose the Agile method because it is flexible and easy to adapt to changes. It allows us to develop the system step by step, making the process faster and easier to manage. Agile also helps us improve the system continuously, so it becomes more reliable and meets user needs.

COMMERCIALIZATION POTENTIAL

- INVENTORY MANAGEMENT**
Simplifies tracking of uniforms, instruments, and music scores to reduce losses and improve availability
- BOOKING APPROVAL SYSTEM**
Facilitates easy booking requests and approvals for instruments and uniforms, improving management efficiency.
- INVENTORY REPORTS DASHBOARD**
Provides detailed inventory reports for easy monitoring of item condition, availability, and maintenance needs.

CONCLUSION

The Marching Band Management System helps manage bookings for uniforms, instruments, and music scores in a simple and organized way. Users can make bookings easily, and admins can approve or reject them quickly. The system reduces manual work, avoids errors, and provides clear booking information. It also improves data management through records and reports. Although it needs internet access and basic skills, it is still a practical and reliable solution.

SURVEY



Most respondents clearly understand the purpose of the system, showing that it is easy to grasp after use.



Most respondents agree that the dashboard clearly shows important information and is easy to understand.



Users are generally satisfied with the navigation, although there is still some room for improvement.



Almost all respondents are willing to recommend the system, indicating a high level of satisfaction and trust.