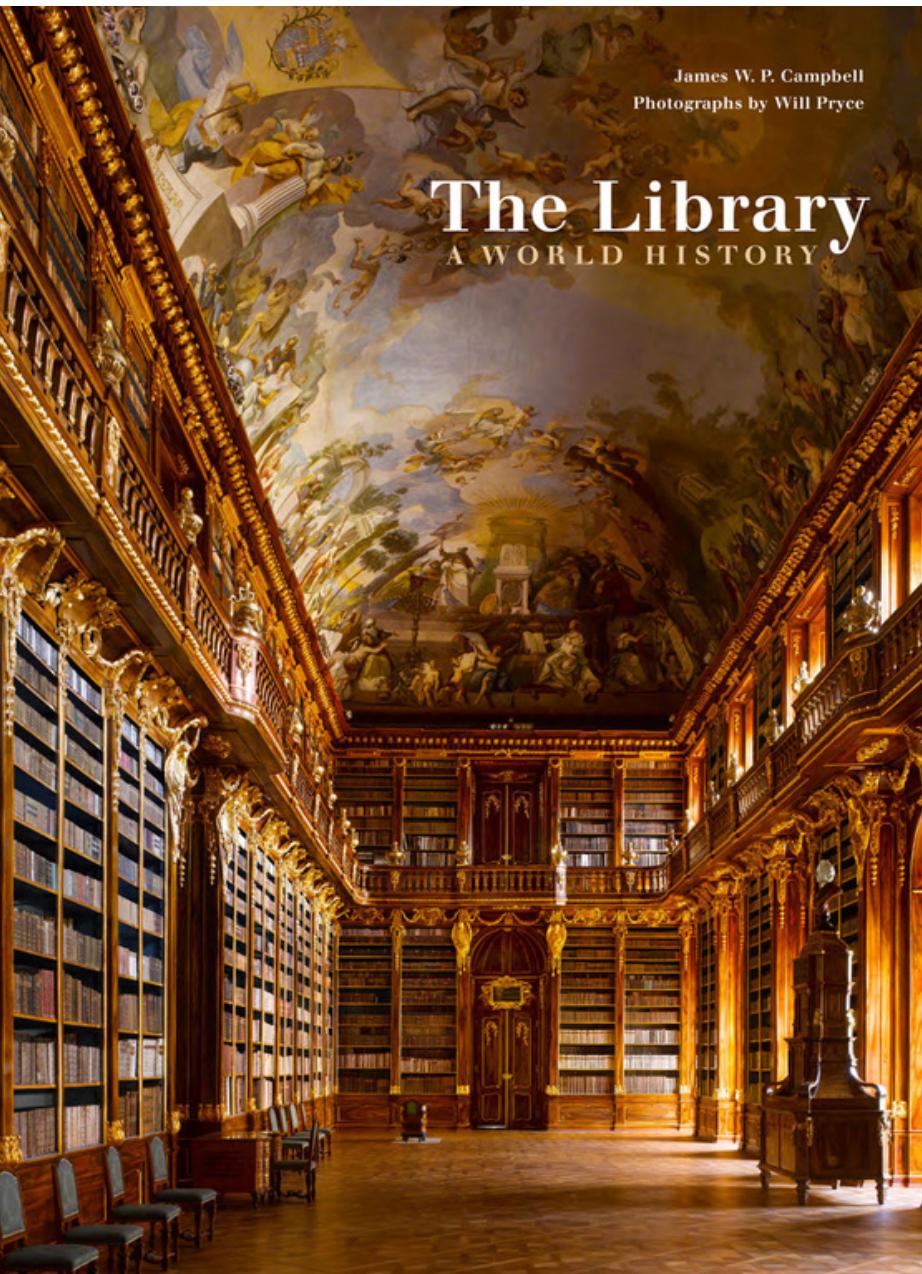




TECHNOLIB

LIBRARY MANAGEMENT SYSTEM

Our library management system is a web application built to handle the primary housekeeping functions of a library. Libraries rely on library management systems to manage asset collections as well as relationships with their members. Our system helps libraries keep track of books and their 'loans', as well as members' registrations and profiles. It also involves maintaining the database for entering new books and recording books that have been loaned with their respective due dates



THIS IS
OUR
AMAZING
STORY

Register Member

Process Member

Action.: Add

IDNo.: 2201014800082

Name.: 0000

Surname: e.g. Collins Mahlangu

Title: e.g. The Gearsh

Address: e.g. 62 Metro park, Silverlakes

TelNumber: e.g. 0117881284

CellNumber: e.g. 0788091284

Email: e.g. user@user.com

Role: e.g. Librarian or Member

Add New Member

Username

Password

Login

Remember me

[Forgot password?](#)

[Register](#)

Cancel Member

Process Member

Action.: Delete

ID Number: 2201014800082

Delete Member

USER REGISTRATION

You can Register as a Member of the library to be able to access all the features offered by the TechnoLibrary

LOGIN PAGE

for your first login into the TechnoLibrary your username is by default your I.D Number and your password is your surname you can the change your password once logged in.

CANCEL MEMBER

You are able to cancel your library membership if you will not be needing to access the library and its features

OUR FEATURES



These are the major activities that are performed in our library management system:

- Add, remove, or edit a book: To add, remove a book or modify (edit) details of a book.
- Register new account/cancel membership: To add a new member or cancel the membership of an existing member.
- Check-out book: To loan a book from the library.
- Reserve book: To reserve a book which is not currently available.
- Renew a book: To re-loan an already checked-out book.
- Return a book: To return a book to the library which was issued to a member.

OUR TEAM

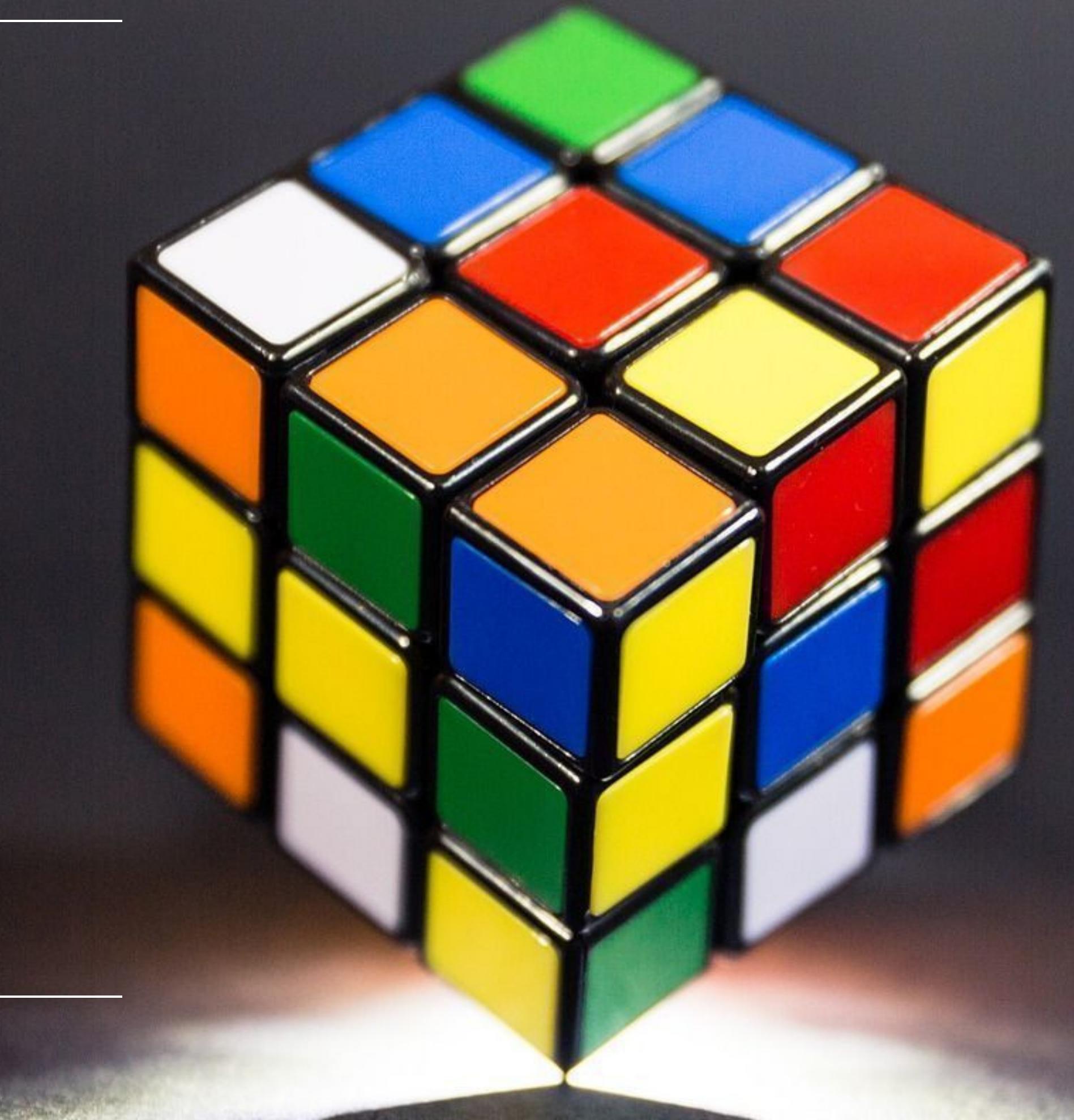
CodeOps is a software development team that positions itself as an extension of MIE students collaborating together to reach a common goal. For that reason we have managed to develop a web based application for a library management system .



CHALLENGES

THESE ARE THE MAJOR CHALLENGES
WE FACED WHILE WORKING ON THIS
PROJECT

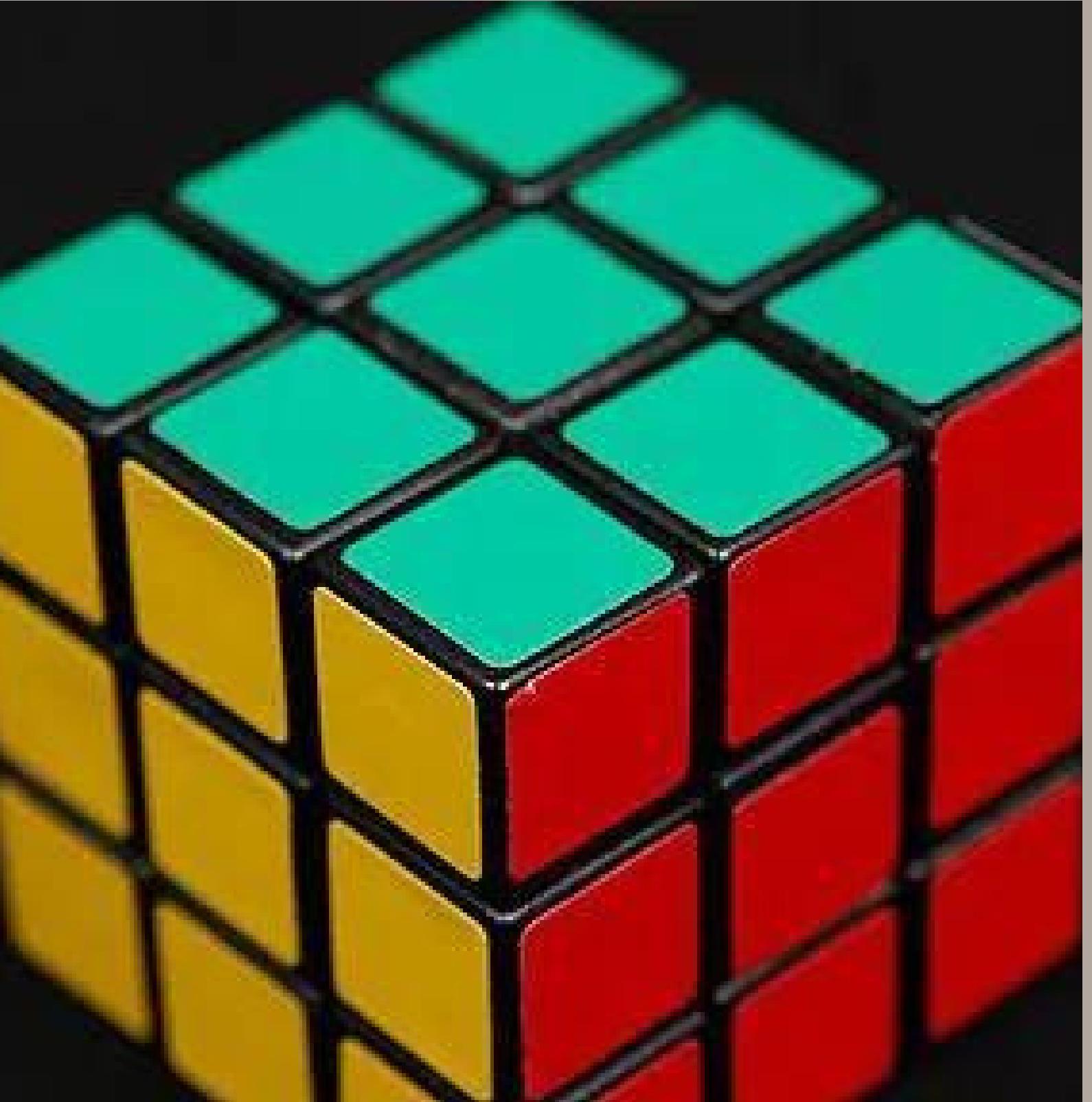
- Time limitations.
- Having to switch from work machines to home machines.
- Conflicts with front-end and back-end integration.



SOLUTIONS

THIS IS HOW WE OVERCAME THE CHALLENGES

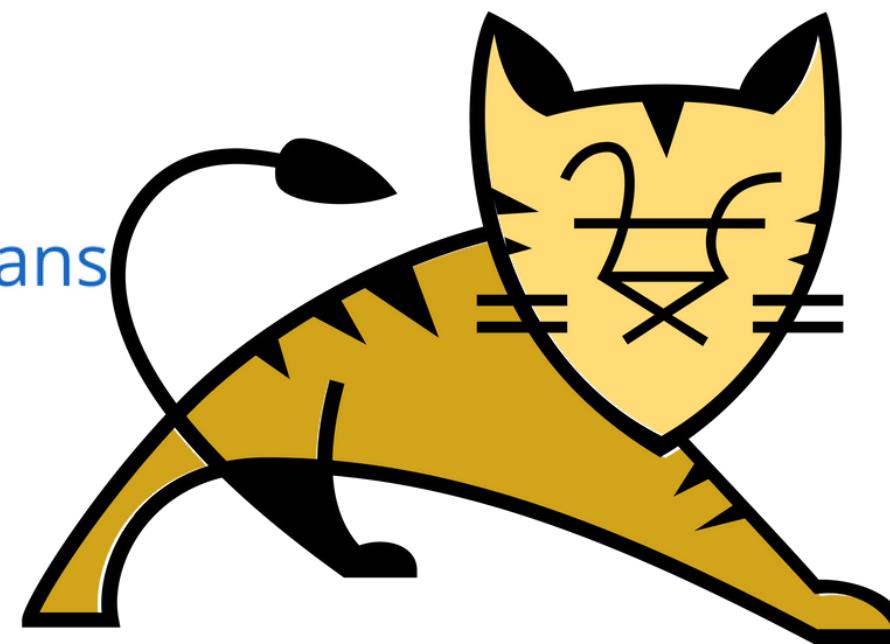
- We Started meeting on weekends
- We all compromised and worked outside of the roles we had initially chosen
- we used to borrow our team leaders machine since his machine is fast and we could make it work like the one's at work.



OUR TOOLS



Apache NetBeans





THE END