



# Erasmus+

## Project Web and MIS

CO200 Second Year Project  
Group 14



# Our Advisor

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# Our Team

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# Overview

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# Introduction To CYCLE

## Cyber seCurity LEarning

Aims to provide a reasonable and realistic solution  
enabling a strong cooperation between academia and industry on  
Cybersecurity & AI programmes  
via knowledge transfer and innovation





# Our Aim

To create a Management Information System (MIS) and Web application which supports the management and coordination of Erasmus+ CYCLE project.



# Why a MIS?



Outdated information



Inefficient documentary process



Safety concerns



Finance management issues



Lacks transparency



# Expected Goals

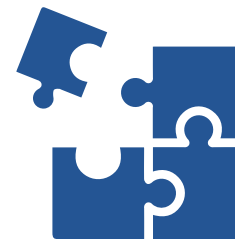
01



## Centralized management

A centralized platform to manage all aspects of project

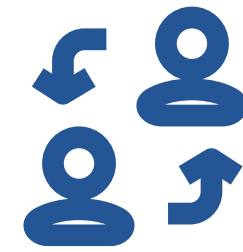
02



## Streamlined processes

Identifying and eliminating repetitive and unnecessary steps to improve efficiency and productivity.

03



## Enhanced communication

Effective communication and collaboration with stakeholders.

# Goals ctd.

04



## Improved documentation management

Secure

- Storage
- Retrieval
- Sharing of project related documents

05



## Reporting and analytics

- To generate comprehensive reports and analytics
- To track progress and evaluate outcomes
- Monitor KPIs (Key Performance Indicators )



# Target Groups

## CYCLE project management

- Project managers / coordinators
- Project committee members of University of Peradeniya
- Collaborators from other participating organizations

## Public users

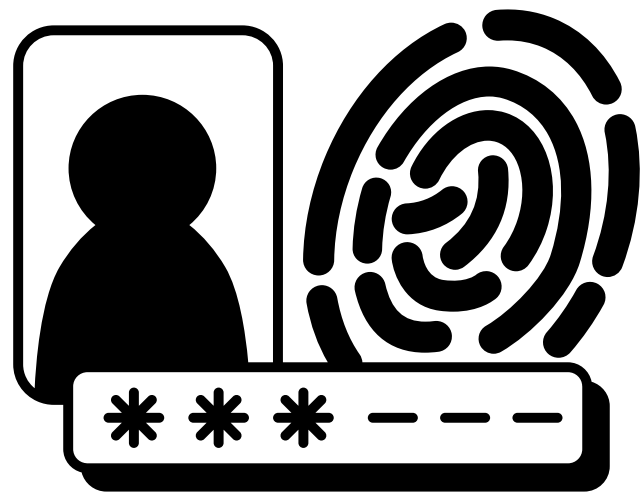
- MSC students
- Cybersecurity professionals in Asia
- Academic & Administrative staff of the Universities
- Companies, representatives/ stakeholders in cybersecurity & AI

# Project Timeline



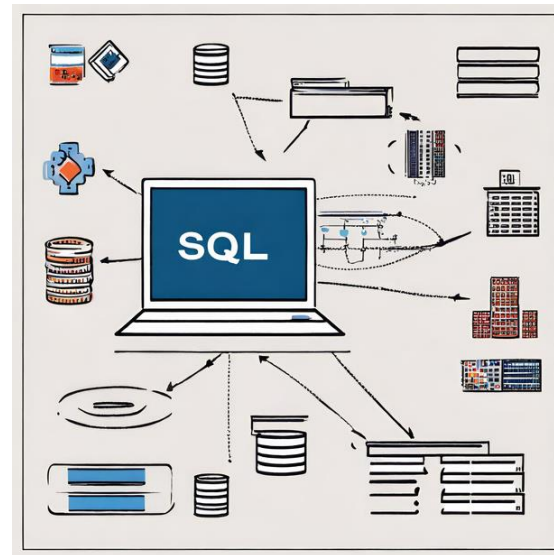
# Scope of Solution

The features, functions and deliverables of the website



User Management

Authentication and authorization mechanisms



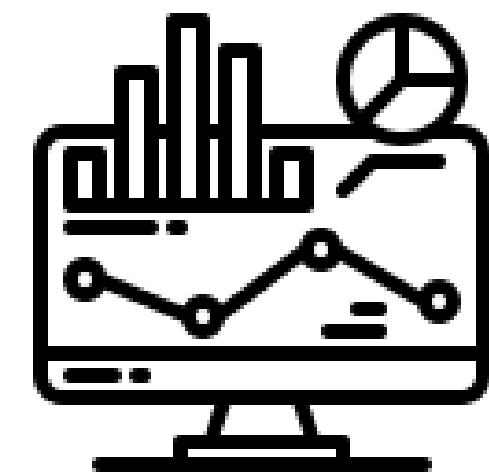
Document Management

Organizing, storing and sharing documents.



Task Management

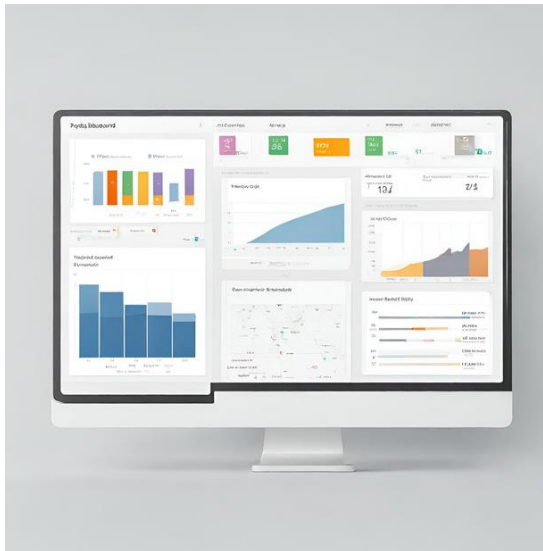
Ability to create and assign tasks



Reporting

Generate customizable reports and analytics

# Scope of Solution ctd.



## Project Dashboard

A summary of project status and milestones



## Communication Tools

Tools for collaboration among stake holders.  
Ex: Messaging

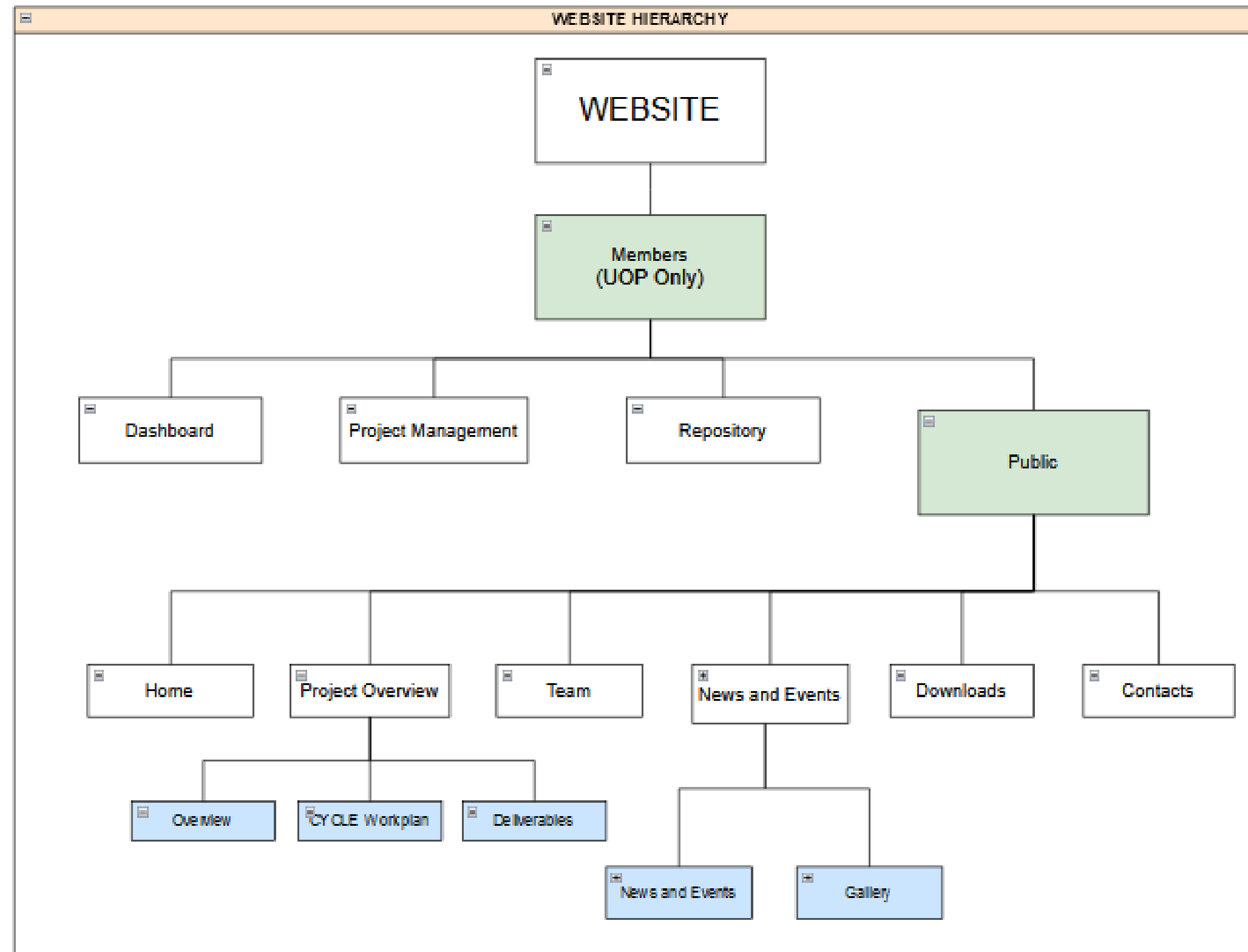


## Integration

Having tools to integrate with external systems

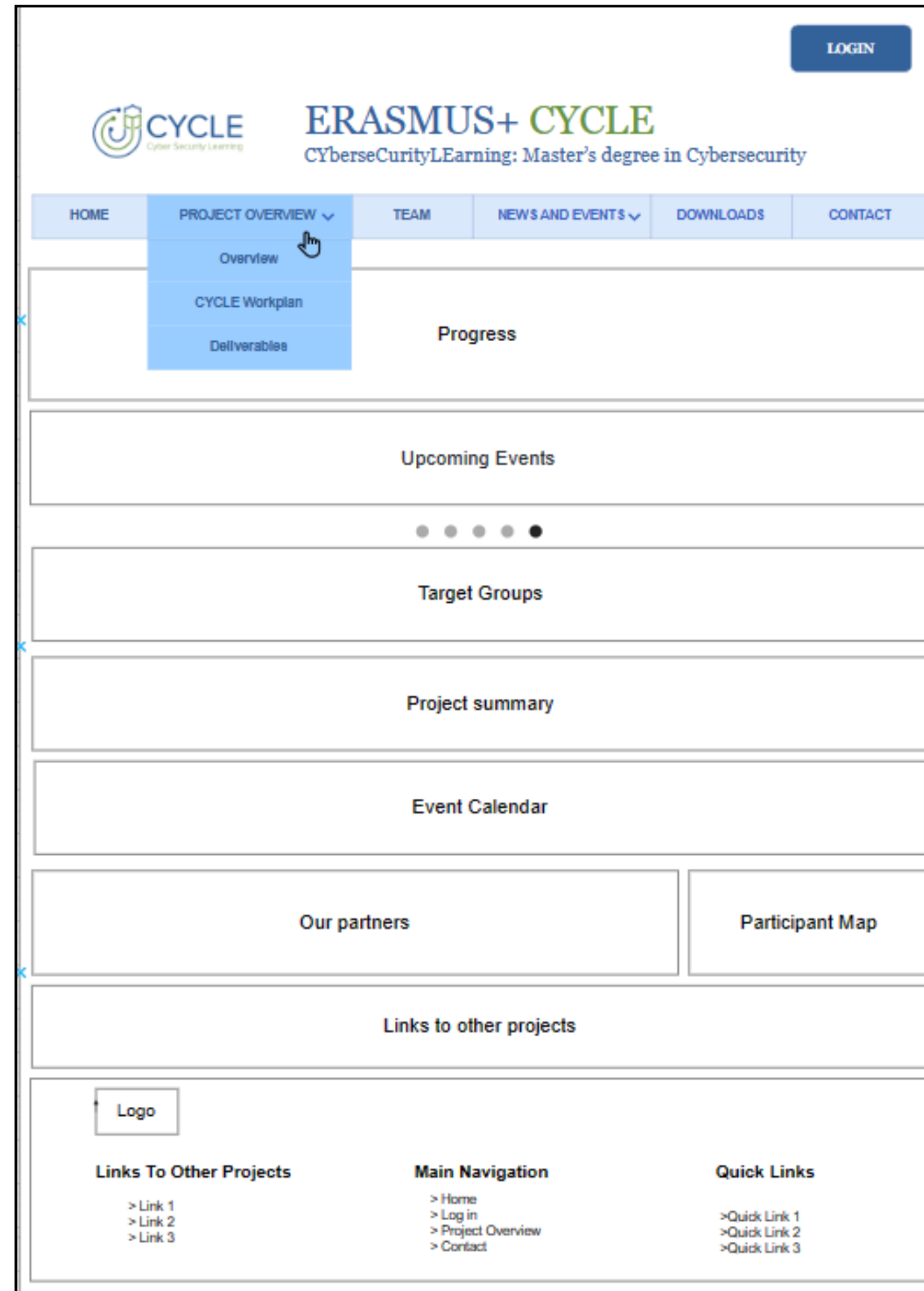


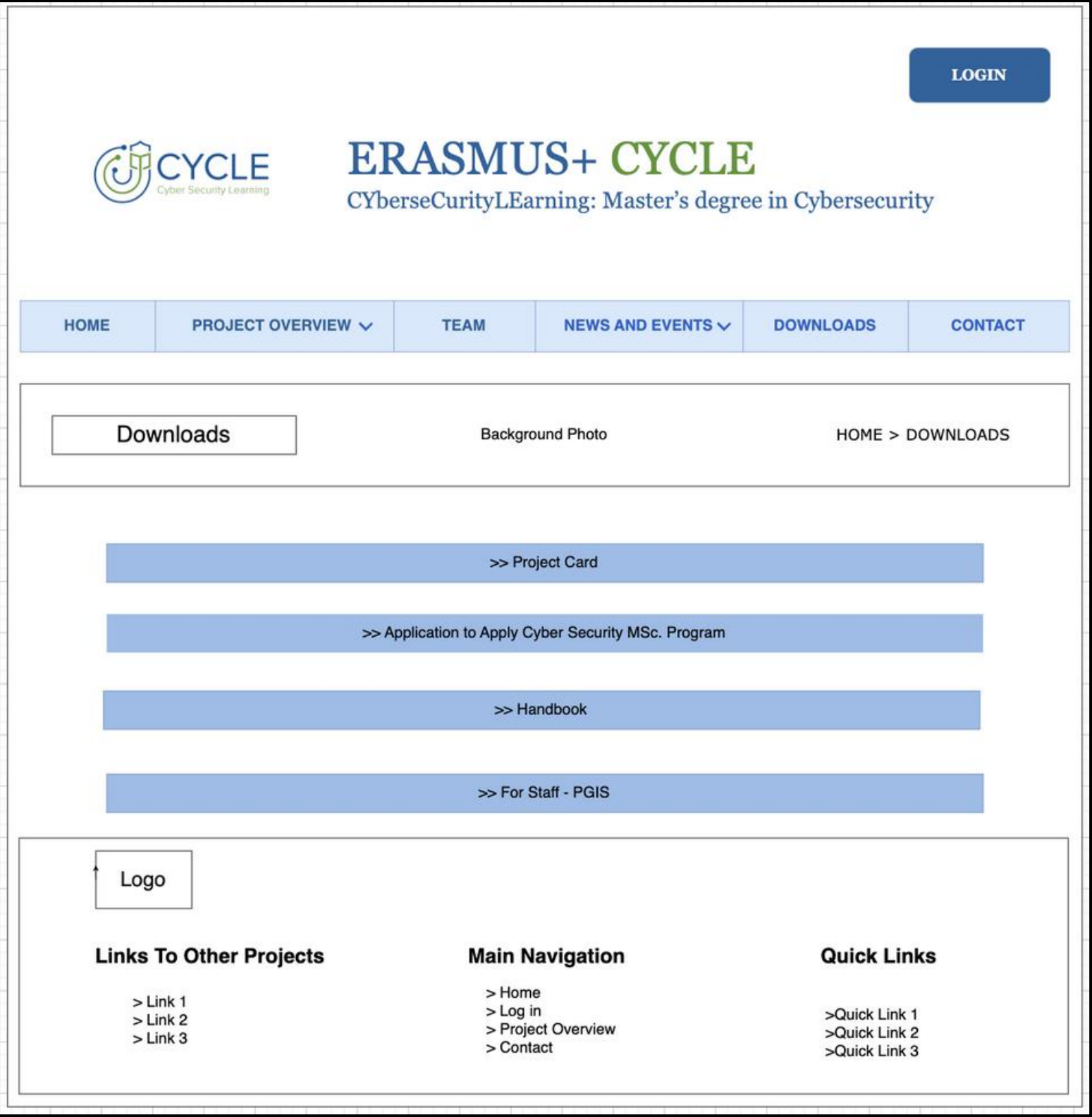
# Website Architecture



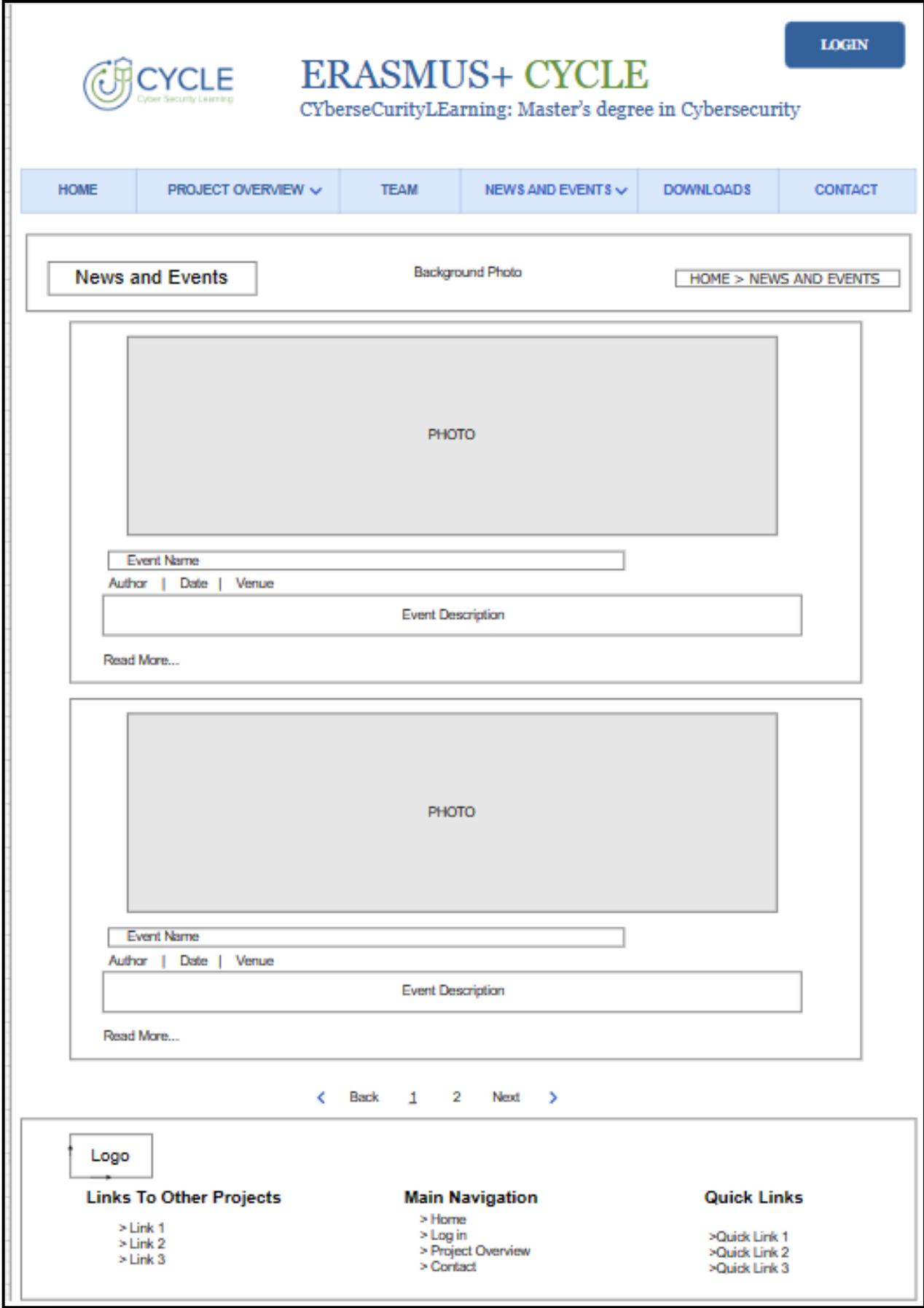
# Proposed Design

Home Page for a public user



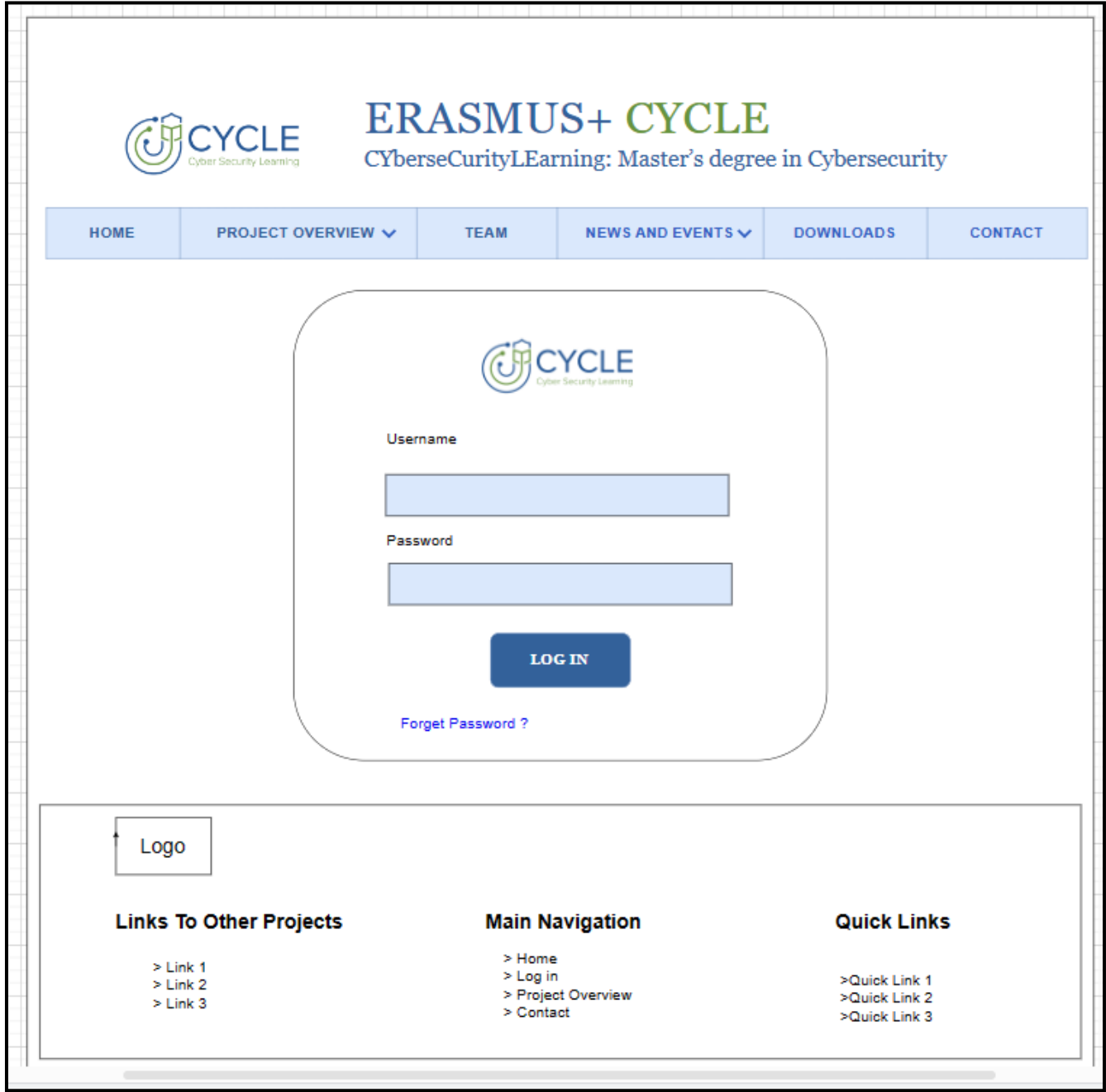


Downloads Page

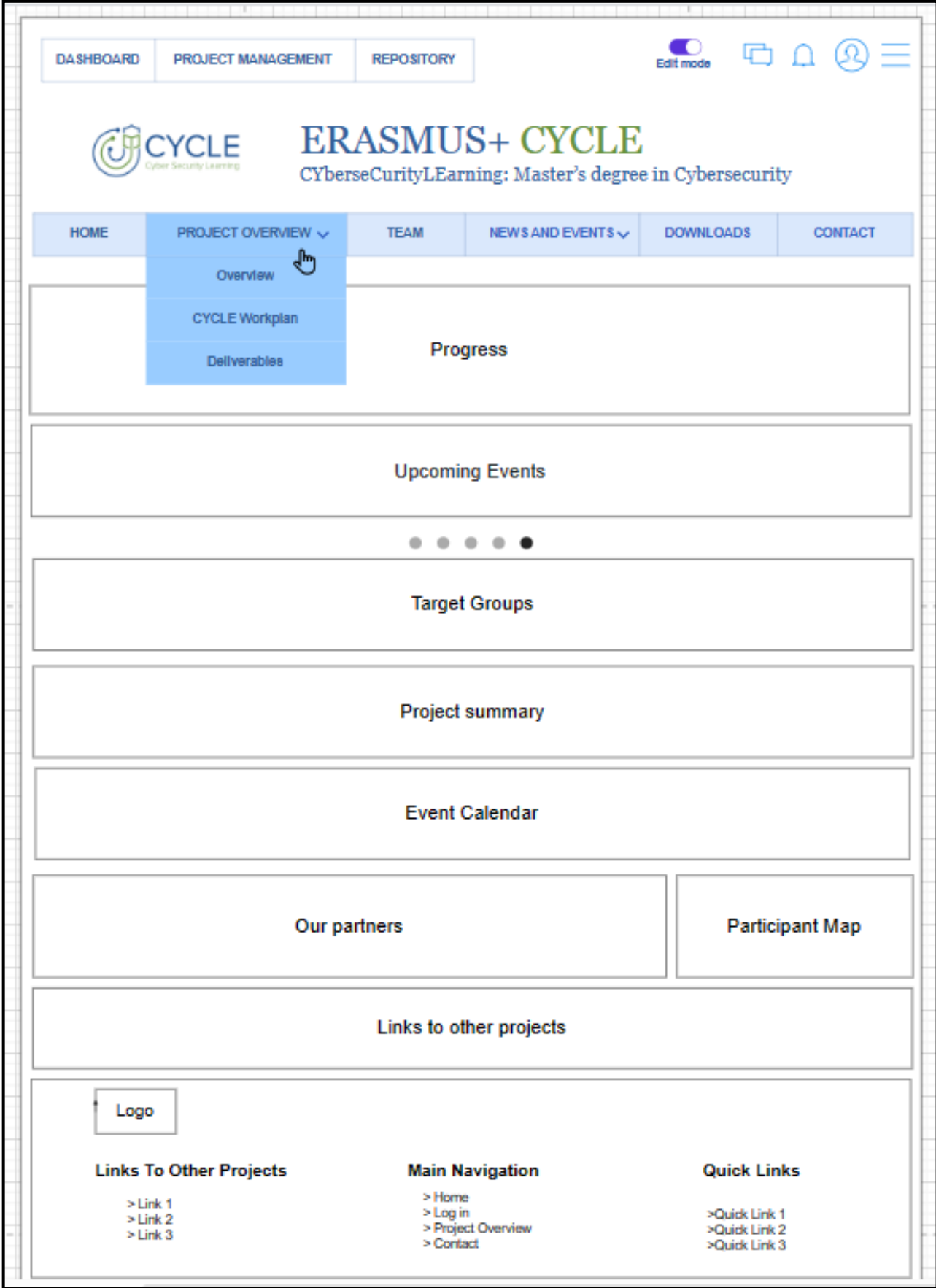


News and Events Page

For a team member of CYCLE project,



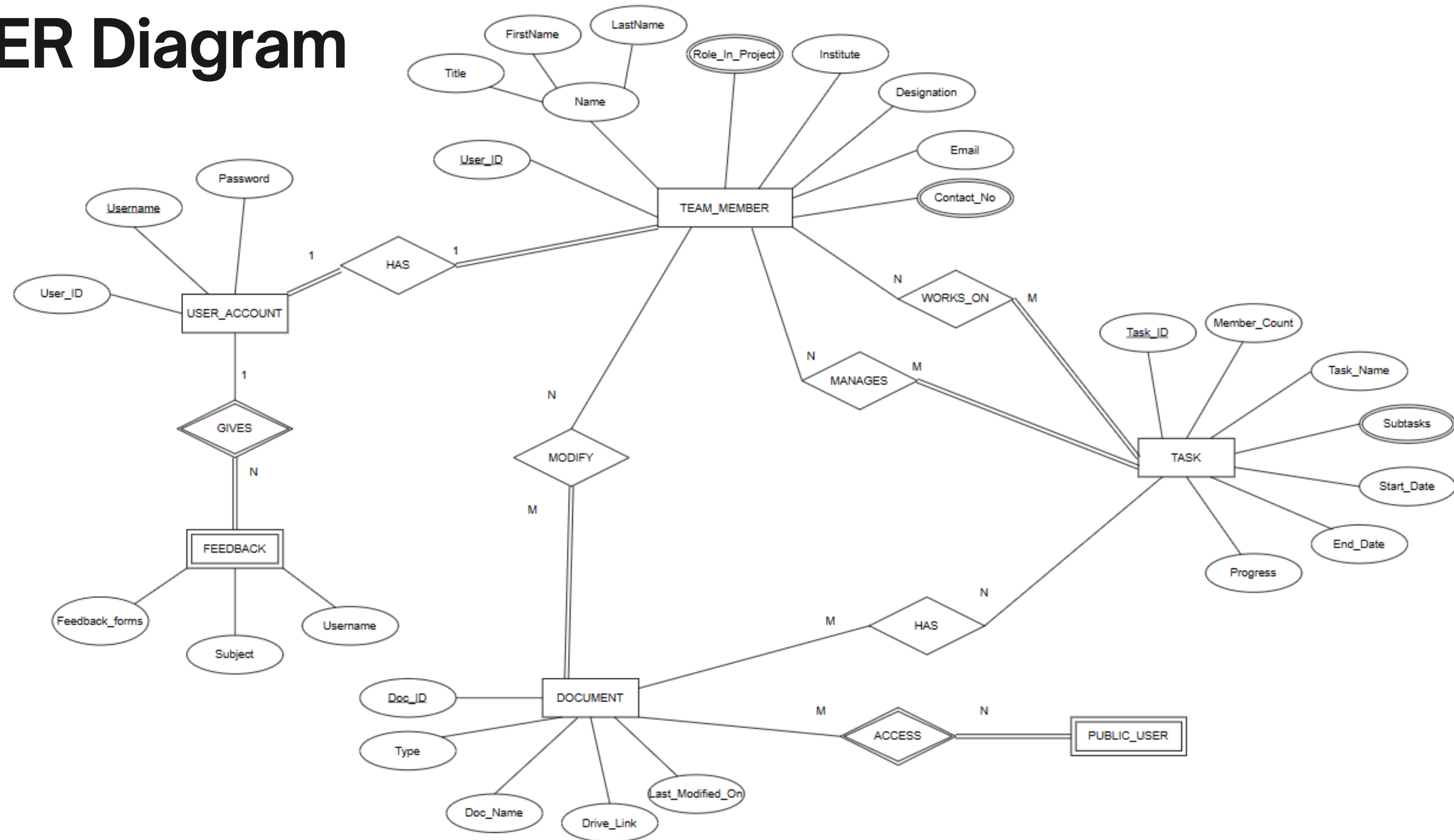
Login Page



Home Page



# ER Diagram



# Conclusion

An efficient and secure software solution and MIS would facilitate seamless collaboration among stakeholders, thereby ensuring the successful execution of the Erasmus+ CYCLE project.



# References

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Thank You!

