



Elderly Care Management System(ECMS) – Yr 4 Project

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The ECMS Project

- Create a secure web application, to secure patient data.
- The creation of this application will help alleviate and modernize patient data management by replacing manual documentation with digital system.
- To comply with Health Level 7 standard.

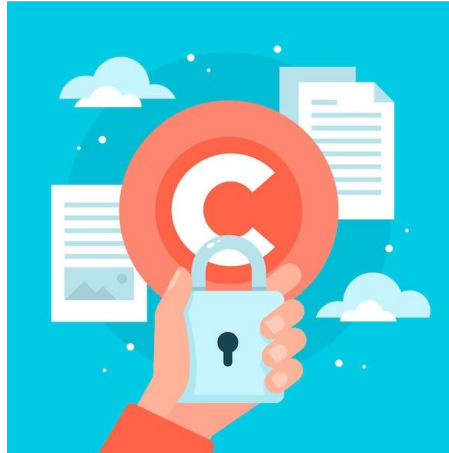
Who is it for

- Care Homes
- Care Office Staff (Admin)
- Carer's

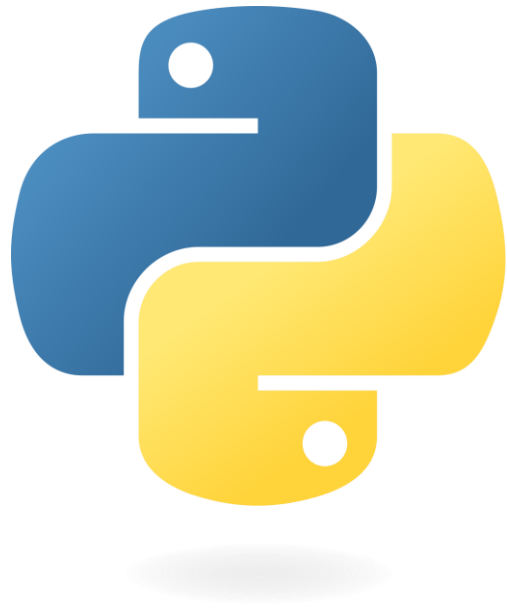


Features

- Login
- Register
- Patient Profile
- Care Plan
- Medical Dashboard
- Roster
- Incident Reporting
- Alert
- Health Level 7
- Security (Cryptography)
 - Shared Key encryption
 - Public Key encryption



Technologies



django



MariaDB

Existing Systems

- Pass App created by Every Life
 - Founded in 2014
 - Real time care monitoring app
 - Mainstream functionality
- Log my Care
 - Makes person centred technology accessible to everybody in social care
 - Mainstream functionality
- Nourish
 - Mainstream functionality
 - Personalised Care plans
 - Control and security on all Patient data



Potential Issues/Challenges

- This will be a learning curve for me as I will get an opportunity to gain more knowledge about cryptography.
- Adhering to the Health Level 7 Standards.
- Ease of access and navigation.
- Project management and time management to adhere to deadlines.
- Complete Core functionality.

References

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Thank you
any Questions?

