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Description automatically generatedWhat is **LO1** and **LO2?**

**LO1:** Communicate effectively with others to jointly complete tasks with peers or with staff in an organisation.

**LO2:** Demonstrate an ability to meet deadlines and objectives.

**Task Checklist:**

• Successfully join a project group working in a specific role.

• Agree an appropriate scope for creating a minimum viable product (MVP).

• Work in partnership with your group to deliver the agreed prototype solution.

• Provide access to the group’s work and provide a demonstration of this.

• Report on your individual contribution to the project.

**Roles**

**Project Manager** - Josh

|  |  |
| --- | --- |
| Responsibilities | Evidence |
| * Co-ordinating development | * Meeting invites |
| * Planning scope | * Meeting outcomes |
| * Submitting joint work | * Plans, emails |
| * Managing deadlines | * Kanban chart, funnel |
| * Communicating with staff |  |

**Embedded Developer -** Matthew

|  |  |
| --- | --- |
| Responsibilities | Evidence |
| * Design decisions on embedded development needs of the project | * Code |
| * Choosing devices, platforms, protocols etc | * Testing |
| * Implementation build and testing | * Notes, emails, design diagrams |

**Software Developer -** Musab

|  |  |
| --- | --- |
| Responsibilites | Evidence |
| * Design decisions on software development needs of the project | * Code |
| * Choosing language tools, frameworks etc | * Testing |
| * Implementation build and testing | * Notes, emails, design diagrams |

**Security Consultant -** Luke

|  |  |
| --- | --- |
| Responsibilties | Evidence |
| * Understanding security, risk and privacy requirements | * Threat model |
| * Design decisions on security needs of the project | * Risk table |
| * Support security implementation | * Security test cases |
|  | * Notes, emails, design diagrams |

**Database Analyst -** Kian

|  |  |
| --- | --- |
| Responsibilties | Evidence |
| * Understanding data requirements | * Data model |
| * Design decisions on data aspects of the project | * Test cases |
| * Database design and implementation | * Notes, emails, design diagrams |

**Business Analyst -** Alisha

|  |  |
| --- | --- |
| Responsibilities | Evidence |
| * Understanding and communicating business value | * Context diagram, innovation funnel |
| * Identifying requirements | * Notes, emails, design diagrams |
| * Prioritising work delivery |  |

**Support Platform for Elderly Care (SPEC) / SelectCare**

An information system providing some small help for both the carer and cared for.

Functionality of the system:

* The system should have two sides to it, one for the elderly person and one for the carer.
* For both the elderly person and the carer, they should both be able to receive updates and notifications

Things to consider:

* Communications
* Legal Support
* Health Support

Registering a care relationship

* Registration details: the elderly person and the carer both need to input their registration details into the system.
* Acknowledgement/Notification: the system should deliver notifications to both the elderly person and the carer.
* Consent/Confirmation: the elderly person and the carer both need to input their consent and confirmation into the system.

Registering additional carers

* Registration details: the new carer will need to input their registration details into the system.
* Acknowledgement/Notification: the system should deliver notifications to both the elderly person and **all** carers. **IMPORTANT!** Ensures everyone involved with the elderly person is up to date at all times.
* Consent/Confirmation: the new carer will need to input their consent and confirmation into the system.

Communications

* Scheduling: The elderly person should be able to schedule the event into the system which would trigger the carer to get a notification.
* Alerts: The system should then deliver an alert to the carer and to the elderly person so they have it on record.
* Confirmation: The carer should be able to confirm or deny for the event to take place which would deliver an alert to the elderly person with the response from the carer.
* Timing: Need to discuss?

Emergency Communication

Incorporating the button?

Emergency Scheduling: The elderly could press the button which would alert the carer to come immediately.

Emergency Alert: The carer would get the alert and see it’s urgent and gets to the elderly person asap.

Could plan for a certain carer to have certain days where they dedicate to being available in case of emergency alerts.

What is needed for the **50%?**

**MVP Development Video (15%)**

As a group we need to:

* create a 5-10 minute video to demonstate the features of the MVP working prototype.
* everyone will need to take part by talking about their contribution to the work in the repository.
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  Description automatically generatedneeds to include discussion of the groups vision of what we would like the finished system to be (i.e a pitch for early investors).

**MVP Artifact Repository (15%)**

As a group we need to:

* provide access to the source files we have used in the implementation of the system demonstrated in the video.
* this includes code, config files, graphics and any other relevant documents NB: **this should be via a URL link and not a compressed file or zip of the source code.**
* where appropriate you should use appropriate source control mechanisms to collaborate.

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**MVP Individual Contribution Report (20%)**

This report needs to :

* capture the contribution and reflection of each individual team member both in general and in their specific roles.
* descriptions are expected to be between 300 and 1500 words.
* role specific work and evidence in the appendices is unlimited.
* A screenshot of a computer

  Description automatically generatedyou may provide examples of source code but only to illustrate a description. (Do not dump data or source code – you can refer to the repository later)