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| Technological University Dublin |
| Journ.ie |
| *“Memory is the diary we all carry about with us.” – Oscar Wilde* |

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| C20305696 Lovely Fernandez  7-7-2024 |

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# Abstract

This report serves to document the process of ‘*Journ.ie*’ from concept to the final product, highlighting critical aspects of each development phase. It includes a summary of product management, web application design principles, and software quality testing methodologies applied, as well as seamless deployment strategies and the utilisation of various technologies and programming languages. Additionally, a demonstration video showcasing the functionality and features of *Journ.ie* is provided via a YouTube link.

*Please find further information about the web application's code and documentation on GitHub at the following links:*

1. *Code and Development:* <https://github.com/Journ-ie/Application>
2. *Documentation:* <https://github.com/Journ-ie/Documentation>

# About Journ.ie

Journ.ie is a unique web application designed as a journaling platform where individuals can document moments they wish to preserve and treasure—a digital archive for capturing significant milestones and memories.

## Aim and Mission

Unlike traditional social media platforms, Journ.ie prioritises providing a safe environment for individuals to focus on their achievements, growth, and reflections without the pressure of public exposure.

With Journ.ie, users can track their personal growth over time, revisit memories, and reflect on their experiences in a meaningful way. It empowers individuals by providing a secure and personal environment to journal their life experiences, encouraging self-reflection and nurturing personal growth.

## Main Features

|  |  |
| --- | --- |
|  | **Description** |
| Digital Journaling Tools | Create and manage journal entries, incorporating text, photos, videos, and various multimedia elements. |
| Timeline and Progress Tracker | Track personal growth and achievements over time using timeline and goal-setting tools. |
| Search and Organisation Tools | Navigate and manage entries efficiently with tags, categories, and filters. |
| Location Tagging | Specify the location of the journal entry or the content within. |
| Mood Tracking | Add mood or emotional state on journal entries. |
| Account Creation | Enable users to create personalised accounts to securely store and access their journal across devices. |

# Project Planning/Management (2)

<provide a lighter visual of project plan but also url to github)

* Agile ((Bi)Weekly Fridays Review)
* SCRUM
* Milestones and Iterations (Stories/Tasks) Methods of Task Dsitrbution
* Overall plan

MYBE PRODUCT Management (1)

* Roadmap (Story board with milestones and iteration stuff)
* Product Vision\*? Who is it for and ocmptirros?
* Requirements
* Functional Requirements Non Functionals
* A screenshot of a computer

  Description automatically generated
* Also might need]
* A white background with black text

  Description automatically generated

# Web Application Design

* Use Case Diagram
* Class Diagram
* Sequence Diagram
* Database Diagram
* GUI Prototype (figma, visual focus on UX UI improvements)
  + Logo Motto Palette (2) and name
* Sitemap (flowmapp, structure of web – relations of pages, purpose/content, network, etc.) (1)

# Software Quality Testing

* Testing Document w Scenarios
  + UI
  + Features
* Non-Technical, Technical & Young, Old
* Interviews/Questionnaire

# Deployment

* Read.me @ Github Application
* But provide it here too (summarised)

# Programming Technologies and Languages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Product Management | GitHub Logo and symbol, meaning, history, PNG, brand |  |  |  |
| Front-End | Html Logo Vector Art, Icons, and Graphics for Free Download | Free High-Quality CSS Logo for Creative Design | JavaScript PNG, Transparent JS Logo Free Download - Free Transparent PNG  Logos | React JS |
| Back-End |  | Firebase Brand Guidelines |  |  |
| Web Development |  |  | UML Tools - Javatpoint |  |
| Deployment | Firebase Hosting - Javatpoint |  |  |  |

# Demonstration

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| < Placeholder: Visual Map of what will be demonstrated > |

*Please find the demonstration video on YouTube via the following link:*

< <http://www.youtube.com/sample-video> >