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| Faculty: | Computing Science | | | | | |
| Course: | BSCH/BSCO/EXCH | | | Stage/year: | 2 | |
| Subject: | Software Development 2 | | | | | |
| Study Mode: | Full time | Icon  Description automatically generated |  | Part-time |  |  |
| Lecturer Name: | Haseeb Younis/ Muhammad Shoaib | | | | | |
| Assignment Title: | Project Final Documentation | | | | | |
| Date due: | 27/04/2025 | | |  | | |
| Date submitted: | 23/03/2025 | | |  | | |
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| **Please note:** Students **MUST** retain a hard / soft copy of **ALL** assignments as well as a receipt issued and signed by a member of Faculty as proof of submission. | | | | | | |

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**Report – Milestone 01**

The group decided to start the project by conducting simple research using all the material provided by the lecturers on Moodle and organizing the schedule, steps, and roles. The focus was on developing and delivering a complete and functional project based on each member's previous knowledge, personal experience, and abilities.

Trello was chosen as the platform to organize and share the project's steps, allowing changes, suggestions, and task storage. Since the group had used this tool before, the main goals were to enhance productivity and teamwork.

A Gantt chart was created using a free template available on Google Sheets. As the project progresses, the group can visualize and assess whether time management requirements are being met. This provides a sense of control and helps in making decisions, adjustments, and improvements as needed.

GitHub was selected as the repository platform, enabling authorized members to create, store, manage, share, and comment on all necessary files, code, and documents. As a well-known and secure platform, GitHub facilitates fast, collaborative, and well-documented work, ensuring version control and a history of completed tasks.

OpenAi’s GPT-3.5 Turbo was selected as the REST API to provide a code with an elevated level of communication, This model with 16,385 context window, uses NLP (natural language processing) to interact, generate and summarize text, answer questions, and much more. All these processes are supported in the code using JSON.

Roles:

Karen – Individual research and discussion, second research, flow and chart, coding tests, define persona, report, fill project final doc.

Thales – Individual research and discussion, trello, wireframes, logo, coding tests, define audience, documentation.

Vitor – Individual research and discussion, requirements, GitHub repository, coding prototype, coding tests, map edge cases, entity mapping.