



# Final Year Project (FYP) Manual for the Bachelor of Computer Science

2024



## Preface:

The Final Year Project (FYP) consists of two consecutive capstone courses across all programs within the College of Computer at the Qassim University. It is designed to bridge the gap between theoretical knowledge gained throughout the Computer Science (CS) program with practical applications in real-world scenarios. Additionally, it provides a platform for nurturing management skills, entrepreneurial thinking, and expertise in scientific and applied research methodologies.

Aligned with the Vision and Mission of the CS Program, these guidelines have been developed to assist both students and faculty in effectively managing the FYP process. They aim to ensure the successful completion of the project with the highest quality standards while achieving the intended educational and professional objectives.



## TABLE OF CONTENTS

|   |           |
|---|-----------|
| <b>1. FYP Structure and Objectives .....</b>                  | <b>5</b>  |
| <b>1.1. Prerequisites .....</b>                               | <b>5</b>  |
| <b>1.2. Supporting Workshops for CS498 .....</b>              | <b>6</b>  |
| <b>1.3. Marks Distribution For CS498.....</b>                 | <b>7</b>  |
| <b>1.4. Marks Distribution For CS499.....</b>                 | <b>7</b>  |
| <b>2. FYP Learning Outcomes.....</b>                          | <b>7</b>  |
| <b>2.1. CS498 Course Learning Outcomes (CLOs).....</b>        | <b>8</b>  |
| <b>2.2. CS499 CLOs .....</b>                                  | <b>8</b>  |
| <b>3. Key Stakeholders and Their Roles.....</b>               | <b>13</b> |
| <b>3.1. Role of the Students .....</b>                        | <b>14</b> |
| <b>3.2. Role of the Supervisor .....</b>                      | <b>14</b> |
| <b>3.3. Role of the Examiner .....</b>                        | <b>15</b> |
| <b>3.4. Role of the GP Committee and GP Coordinator .....</b> | <b>16</b> |
| <b>4. FYP Timeline.....</b>                                   | <b>16</b> |
| <b>4.1. CS498 Completion Timeline.....</b>                    | <b>17</b> |
| <b>4.1.1. Group Formation .....</b>                           | <b>17</b> |
| <b>4.1.2. Project Proposal Process.....</b>                   | <b>17</b> |
| <b>4.1.3. Writing the Project Report.....</b>                 | <b>18</b> |
| <b>4.1.4. CS498 Project Discussion .....</b>                  | <b>18</b> |
| <b>4.2. CS499 Completion Timeline.....</b>                    | <b>18</b> |
| <b>4.2.1. Application Implementation and Testing.....</b>     | <b>19</b> |
| <b>4.2.2. Writing and Completing the Project Report.....</b>  | <b>19</b> |
| <b>4.2.3. Final Project Presentation .....</b>                | <b>19</b> |
| <b>5. Graduation Project Exhibition and Contest.....</b>      | <b>19</b> |
| <b>6. Conflict Resolution.....</b>                            | <b>20</b> |
| <b>7. Copyright and Intellectual Property Rights .....</b>    | <b>20</b> |
| <b>8. Academic Integrity and Plagiarism .....</b>             | <b>20</b> |
| <b>9. Graduate Project Forms and Templates .....</b>          | <b>21</b> |