

**Where do I want to be by the end of this period/year? What do I want to be doing? (Include as many learning needs as required to achieve agreed objectives)**

<b>What do I want/need to learn?</b> Provide a specific description of the desired changes (e.g. skills to gain, knowledge to acquire, topics/themes/content to cover)	<b>What do I have to do to achieve this?</b> Some examples, a new/ongoing course, conference, self-development (like wider research or reading), coaching/mentoring, job shadowing	<b>What resources or support will I need?</b> Some examples, teaching staff support, library support, student advisor support, line manager, etc.	<b>How will I measure success?</b> Some examples, appraisals, course assessments, team feedback, tutor feedback	<b>Target dates for review and completion</b> Note that these need to be realistic/achievable
<b>Technical Skills in Programming and Distributed Workflow</b>	<ul style="list-style-type: none"> <li>• Enroll in University of Essex courses on programming languages and frameworks.</li> <li>• Attend workshops on coding best practices and secure programming.</li> <li>• Participate in University seminars focusing on distributed systems and project management tools.</li> <li>• Engage in group projects that utilize distributed workflows.</li> </ul>	<ul style="list-style-type: none"> <li>• Access to faculty for guidance on programming topics and distributed systems.</li> <li>• University library resources for textbooks and coding manuals.</li> <li>• Online platforms provided by the University for collaboration and project management.</li> </ul>	<ul style="list-style-type: none"> <li>• Performance on programming assessments and assignments.</li> <li>• Feedback on coding projects from instructors.</li> <li>• Evaluation of group projects that demonstrate effective distributed workflow.</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly reviews of progress in programming courses.</li> <li>• Course completion deadlines as specified in the syllabus.</li> <li>• Mid-semester feedback sessions on group projects using distributed workflows.</li> </ul>
<b>System Implementation</b>	<ul style="list-style-type: none"> <li>• Attend University-hosted sessions on system design and implementation.</li> <li>• Take courses related to software deployment and maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>• Faculty support for understanding system architecture and deployment.</li> <li>• Access to case studies and implementation guides in the library.</li> </ul>	<ul style="list-style-type: none"> <li>• Success in assessments related to system deployment and implementation.</li> <li>• Faculty evaluations of project implementations.</li> </ul>	<ul style="list-style-type: none"> <li>• Project submission deadlines aligned with course schedules.</li> <li>• End-of-semester reflections on system implementation learning.</li> </ul>

<b>Teamwork Skills</b>	<ul style="list-style-type: none"> <li>• Join or form study groups to work collaboratively on projects.</li> <li>• Participate in team-based coding competitions organized by the University.</li> </ul>	<ul style="list-style-type: none"> <li>• Peer support for collaborative learning and project work.</li> <li>• Resources for effective team dynamics and communication.</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of contributions in team projects and peer reviews.</li> <li>• Reflections on teamwork experiences documented in a journal.</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly check-ins on group dynamics and team progress.</li> <li>• Participation in competitions by set deadlines.</li> </ul>
<b>Database querying and integration</b>	<ul style="list-style-type: none"> <li>• Enroll in courses covering database management and SQL querying.</li> <li>• Attend workshops on integrating databases with applications securely.</li> </ul>	<ul style="list-style-type: none"> <li>• Library resources for database management and integration literature.</li> <li>• Access to software tools for practicing database queries.</li> </ul>	<ul style="list-style-type: none"> <li>• Performance in assessments on database management and secure querying.</li> <li>• Feedback on database integration projects from faculty.</li> </ul>	<ul style="list-style-type: none"> <li>• Course completion timelines for database management classes.</li> <li>• End-of-semester assessments on database querying skills.</li> </ul>