| Task | Description | Group or Individual | Due Date | Points | Rubric |
|------|-------------|---------------------|----------|--------|--------|
| Resume | Post your resume on the Blackboard Discussion Board | Individual | 8/30/2025 | 15 | Lists / explains specific skills - 3 points<br>Lists / explains specific interests - 3 points<br>Describes past work and educational experiences - 3 points<br>Includes contact information - 1 points<br>Is formatted well 2 points<br>Is written well - 3 points |
| Project ideas | Post a project idea to the Blackboard Discussion Board. At this point, the idea should be in the form of a sales pitch. Specify a title, a brief description (perhaps 3 well-formed paragraphs), an explanation of why the project should be done, a listing of the skills required, and the number of people you estimate will be required to complete the project in 6 to 8 weeks of development. | Individual | 9/6/2025 | 20 | Engaging, clear title: 2 points<br>Clear, concise description of approximately 3 paragraphs: 5 points<br>Convincing explanation of the project's value: 5 points<br>Appropriate, complete listing of skills: 3 points<br>Realistic estimate of personnel requirements: 2 points<br>Quality of writing: 3 points |

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| Project Proposal | A detailed written introduction to the project. The narrative must present the title of the project; describe what is going to be produced in a paragraph; bullet-point the project's main goals and briefly describe them; argue the project's value (i.e. explain why it should be done), explain other approaches to solving the problem (citing references to existing literature); explain how your approach will both borrow from and differ from previous approaches; and introduce the team members with a summary of each member's qualifications and what aspects they will be responsible for. | Group | 9/20/2025 | 25 | Clear, engaging title - 1 points<br>Description of what the project will achieve (in other words, its purpose) - 4 points<br>Summary of main goals and features - 8 points<br>Explanation of the project's value - 4 points<br>Description of other approaches including citations, and how your approach will differ from them - 5 points<br>Summary of personnel and their qualifications - 3 points |
| Business Requirements | A detailed explanation of what the project will deliver, presented in a well-written document. | Group | 10/4/2025 | 30 | Fill in the requirements document template. Be very detailed in describing your project's features. |

| Name | Description | Type | Due date | Points | Grading criteria |
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| Task estimation | An Excel spreadsheet showing the name and a brief description of each task, what tasks each task depends on, who will work on it, risks, and estimated required to complete the task | Group | 10/18/2025 | 30 | Each task is clearly named - 2 points<br>Each task is clearly described - 15 points<br>Interdependencies among tasks are identified - 3 points<br>Appropriate people are assigned - 2 points<br>Risks are identified - 4 points<br>Time estimates (# of hours) are realistic and include time for testing - 4 points<br><br>To complete this, fill in the Team, Features, and Tasks sheets in this Excel document. If you are having trouble understanding how to use this workbook, watch the tutorial here. |
| Test plans | An Excel spreadsheet that presents a clear explanation of what will be tested, how, and by whom. Please write each test plan as a script that explains what the user will do to test each feature and what the expected outcomes are. | Group | 10/25/2025 | 20 | The systems / features that need to be tested are identified - 3 points<br>How each system / feature will be tested is clearly explained - 10 points<br>The range of possible outcomes – including for exceptional cases – are identified – 5 points<br>Who will test each feature is identified - 2 points<br><br>To complete this, fill in the last sheet in this Excel document. Watch the tutorial here. |
| Week 1 Log | A document that describes what your group did / achieved in week 1, including screenshots and possibly links to other documents that demonstrate what you accomplished. | Group | 11/1/2025 | 25 | Fill out the Weekly Work Log Template for this week. Here is how it will be graded:<br><br>You made significant progress, suggesting you did spend at least 10 hours working on this course this week: 5 points<br><br>You complete the top section of the template, including correctly identifying your updated GitHub repository, the start and end dates of the week's work, the team members, etc. 3 points |

| Week 2 Log | A document that describes what your group did / achieved in week 2, including screenshots and possibly links to other documents that demonstrate what you accomplished | Group | 11/8/2025 | 25 |
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Fill out the [Weekly Work Log Template](#) for this week. Here is how it will be graded:

You made significant progress, suggesting you did spend at least 10 hours working on this course this week: 5 points

You complete the top section of the template, including correctly identifying your updated GitHub repository, the start and end dates of the week's work, the team members, etc. 3 points

You describe the goal of each accomplishment clearly: 3 points

You describe how you performed the work for each accomplishment clearly, using screenshots or code listings appropriately: 5 points

You describe the goal of each accomplishment clearly: 3 points

You describe how you performed the work for each accomplishment clearly, using screenshots or code listings appropriately: 5 points

You named and described the relevant files for each accomplishment as they appear on GitHub: 2 points

You show the result of your work for each accomplishment with clear descriptions and helpful screenshots: 3 points

You updated the Work Log sheet on the Project Tracker Excel workbook so that it shows the work you did on each of the tasks you identified on the Task Estimate sheet. 4 points

| Item | Type | Date | Points | Description | Grading Criteria |
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| | | | | | You named and described the relevant files for each accomplishment as they appear on GitHub: 2 points<br><br>You show the result of your work for each accomplishment with clear descriptions and helpful screenshots: 3 points<br><br>You updated the Work Log sheet on the Project Tracker Excel workbook so that it shows the work you did on each of the tasks you identified on the Task Estimate sheet. 4 points |
| Week 3 Log | Group | 11/15/2025 | 25 | A document that describes what your group did / achieved in week 3, including screenshots and possibly links to other documents that demonstrate what you accomplished. | Fill out the Weekly Work Log Template for this week. Here is how it will be graded:<br><br>You made significant progress, suggesting you did spend at least 10 hours working on this course this week: 5 points<br><br>You complete the top section of the template, including correctly identifying your updated GitHub repository, the start and end dates of the week's work, the team members, etc. 3 points<br><br>You describe the goal of each accomplishment clearly: 3 points<br><br>You describe how you performed the work for each accomplishment clearly, using screenshots or code listings appropriately: 5 points<br><br>You named and described the relevant files for each accomplishment as they appear on GitHub: 2 points<br><br>You show the result of your work for each accomplishment with clear descriptions and helpful screenshots: 3 points |

| Week 4 Log | A document that describes what your group did / achieved in week 4, including screenshots and possibly links to other documents that demonstrate what you accomplished | Group | 11/22/2025 | 25 | Fill out the [Weekly Work Log Template](#) for this week. Here is how it will be graded:<br><br>You made significant progress, suggesting you did spend at least 10 hours working on this course this week: 5 points<br><br>You complete the top section of the template, including correctly identifying your updated GitHub repository, the start and end dates of the week's work, the team members, etc. 3 points<br><br>You describe the goal of each accomplishment clearly: 3 points<br><br>You describe how you performed the work for each accomplishment clearly, using screenshots or code listings appropriately: 5 points<br><br>You named and described the relevant files for each accomplishment as they appear on GitHub: 2 points<br><br>You show the result of your work for each accomplishment with clear descriptions and helpful screenshots: 3 points<br><br>You updated the Work Log sheet on the Project Tracker Excel workbook so that it shows the work you did on each of the tasks you identified on the Task Estimate sheet. 4 points |

You updated the Work Log sheet on the Project Tracker Excel workbook so that it shows the work you did on each of the tasks you identified on the Task Estimate sheet. 4 points

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| Week 5 & 6 Log | A document that describes what your group did / achieved in weeks 5 and 6, including screenshots and possibly links to other documents that demonstrate what you accomplished | Group | 12/6/2025 | 45 | Fill out the Weekly Work Log Template for these two week. Here is how it will be graded:<br><br>You made significant progress, suggesting you did spend at least 20 hours working on this course over the two weeks: 10 points<br><br>You complete the top section of the template, including correctly identifying your updated GitHub repository, the start and end dates of the week's work, the team members, etc. 3 points<br><br>You describe the goal of each accomplishment clearly: 6 points<br><br>You describe how you performed the work for each accomplishment clearly, using screenshots or code listings appropriately: 10 points<br><br>You named and described the relevant files for each accomplishment as they appear on GitHub: 2 points<br><br>You show the result of your work for each accomplishment with clear descriptions and helpful screenshots: 6 points<br><br>You updated the Work Log sheet on the Project Tracker Excel workbook so that it shows the work you did on each of the tasks you identified on the Task Estimate sheet. 8 points |
| Final Project Report | A detailed technical account of what you accomplished and how. | Group | 12/12/2025 | 100 | Modify and fill in the sections in this template. |
| Total | | | | 385 | |