ASSIGNMENT RUBRICS

Program

	4 – Exceed Expectations	3 – Meeting Expectations	2 – Approaching Expectation	1 – Not Meeting Expectation
Structure and Class	Correctly construct more than 1 structure and more than 1 class.	Correctly construct at least 1 structure and 1 class.	Construct at least 1 structure and 1 class with errors.	Did not construct any of the components (structure and class).
Data Structure and Algorithms	Correctly apply more than 4 data structures and algorithms	Correctly apply 4 data structures and algorithms	Correctly apply 3 data structures and algorithms	Correctly apply 1-2 data structure and algorithms
Program Features (Add, Edit, Delete, Display, Search)	Capable of implementing 5 significant and meaningful program features and generating accurate results.	Capable of implementing 5 features, but partially significant or less meaningful.	Capable of implementing 3-4 significant meaningful features with the correct output.	Capable of implementing 1-2 features, but partially significant or less meaningful.
Organization	Naming conventions, indentation, and comments sufficiently make the code readable. Work division is documented through comments.	Naming conventions, indentation, and comments sufficiently make the code easy to read throughout.	Naming conventions, indentation and comments are used in critical segments of code, but there is some confusion in other segments of code.	Naming convention, indentation, and comments are poorly used, leading to difficult-to-read code.
Error Free Execution	The program runs without errors for expected input, recognizes wrong input and notifies the user.	The program runs without errors for expected input, or no possible input errors.	The program runs with some errors, but user is still able to see it in action till the end.	Errors make the program unusable and disallow the user from seeing the full extent of the program.

Report

	4 – Exceed Expectations	3 – Meeting Expectations	2 – Approaching Expectation	1 – Not Meeting Expectation
Report Organization	The document contains all required sections in order, with a table of contents and page numbering. Section titles use Headings.	The document contains all sections required in order, with page numbering.	The document contains all the sections required.	The document has missing sections and is not in order.
Aesthetics	The documents are neat and easy to read, and the design is attractive. Decorative graphics are differentiated from content/proof of work graphics through captioning.	The documents are neat and easy to read, and the design is consistent. They also contain a balanced number of related graphics.	Documents are easy to read but plain. Contain minimal use of graphics.	Documents are messy, reading is hard, and there are fewer to no graphics.
Program Features (Add, Edit, Delete, Display, Search)	Every feature (Add, Edit, Delete, Display, Search) is screenshotted, and captions are provided for each screenshot. A detailed explanation is given for every screenshot.	Every feature (Add, Edit, Delete, Display, Search) is screenshotted, and captions are provided for each screenshot. A brief explanation is given for every screenshot.	Some features are screenshotted and captioned. A brief explanation is given for some screenshots.	Some features are screenshotted. Captions and explanations are not provided.
Data Structure and Algorithms	The data structures and algorithms employed are purposeful and relevant. Provide output screenshots that demonstrate how diverse user inputs are handled. Provide justifications that support the choice of appropriate data structures and algorithms for each problem.	The data structures and algorithms employed are purposeful and relevant. Provide justifications that support the choice of appropriate data structures and algorithms for each problem.	The data structures and algorithms employed are purposeful and relevant. Justification to support the choice of appropriate data structures and algorithms for each problem is weak.	The data structures and algorithms employed are not relevant. The justification for choosing appropriate data structures and algorithms for each problem is weak.
Submission	Submit before submission is due.	Timely submission.	1 day late.	More than 1 day late.

Video

	3 – Good	2 – Average	1 – Poor
Content Accuracy & Depth	Information is accurate, detailed, and fully supports the topic. Demonstrates deep understanding.	Mostly accurate with good detail; minor gaps or generalizations.	Multiple errors or lacks depth; unclear understanding of the topic.
Organization & Structure	Presentation is logically structured with clear introduction, body, and conclusion. Transitions are smooth.	Mostly clear structure; minor lapses in flow or transitions.	Disorganized; unclear sequence or missing key sections.
Delivery & Communication	Speaks clearly, confidently, and with good pace and tone. Excellent eye contact and expression (if on camera).	Clear delivery with minor issues in pacing, tone, or expression.	Mumbled, monotone, or difficult to follow; poor engagement.
Technical Quality	Video and audio are clear, well-edited, and professionally presented.	Minor technical issues, but overall clear and watchable.	Distracting technical problems; video difficult to watch.
Timing	Presentation is within the required time range. Pacing feels natural.	Slightly over or under time but not disruptive.	Significantly under or over time; pacing disrupts clarity.