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| Stage | Criteria | Deliverables | Points |
| Part A | Widget recommendations met (root window, frames, buttons, spin boxes, check boxes, text boxes) | Screen 1 and Screen 2 wireframes along with widget descriptions | 20 |
|  | Screen design and navigation | Screen 1 and Screen 2 wireframes along with widget descriptions | 20 |
|  | Visual clarity and design | Screen 1 and Screen 2 wireframes along with widget descriptions | 10 |
| Part B | UML Diagrams showing classes, attributes, and methods | Two complete UML diagrams uploaded as images within a Word document | 20 |
|  | Back-end table design and relationship | Two database tables with PK/FK in 3NF uploaded as a \*.db file | 20 |
|  | Class – to – Table mapping and explanation | Clear explanation of how classes map to tables included in the Word document 10 | 10 |
| Part C | Development of main routine and user interface | main python module for the application. Must use tkinter for graphical user interface. | 25 |
|  | Development of objects module | Objects python module implementing the two or more classes for the application | 25 |
|  | Development of database tier | Db python module using SQL to read and write to the applications database | 25 |
| Part D | Video demo of the final working application | Mp4 file showing screens and audio explanation of the application | 25 |