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| **AREA** | **Did not meet** | **Progressing** | **Proficient** | **Exceed** |
| **Flow Chart or Pseudo code** | Reader cannot follow flowchart or pseudo code OR Missing flowchart or pseudo code.  | Reader needs assistance following flowchart or pseudo code. | Reader needs little assistance following flowchart or pseudo code. | Reader is easily able to follow flowchart or pseudo code.  |
| **Description of the Purpose and Audience for the App** | Not very detailed. | Questions still exist. | Satisfactory description and purpose is clear. | Well described; purpose is original/creative. Intended audience is clear.  |
| **Program Functionality** | Needs debugging. | Some bugs still exist. | Very few to no bugs. | Well programmed. No bugs. |
| **Visual Appeal and Navigation** | Appearance needs a lot of work. Directions are missing or not intuitive at all. | Appearance could need some work on appeal. Directions may be unclear or not intuitive.  | Appearance is satisfactory; directions or navigation is clear. | Very nice appeal / appearance. Clear directions or is intuitive. |
| **Content, Background and Research** | Limited research. Application is not thoroughly researched to complete purpose.  | Fair amount of research. Informative with only a couple of inaccuracies found or purpose not solved. | Research is evident and purpose is mostly met.  | Well researched. Highly informative. Purpose is thoroughly met. |
| **Creativity** | Unimaginative. “Copycat” approach.  | Shows some thought and originality. Needs development. | Original, creative thought. | Highly imaginative. Original ideas. |
| **Oral Presentation** | Seemed unprepared to present the project. Limited assistance to evaluator. | Presentation was lacking to guide evaluator. | Presentation guided evaluator but lacked polish. | Well planned presentation. Polished. Expertly guided evaluator.  |
| **Overall Merit** | Minimal use of computer capabilities. | Shows developing use of programming and computer capabilities. | Advanced level of computer capabilities used. | Takes full advantage of computer capabilities – High level of merit.  |

\*\* Resource citation not needed when all work in the project is original and not under copyright.