

**Problem 2.1.5 Create a Crowdsourcing App Rubric**

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|  | **4** | **3** | **2** | **1** |
| Solves Problem | Artifact fully addresses personal, practical, or societal intent posed by problem statement. | Artifact addresses the personal, practical, or societal intent posed by problem statement. | Artifact mostly addresses the personal, practical, or societal intent posed by problem statement. | Artifact does not adequately address the personal, practical, or societal intent posed by problem statement. |
| Takes advantage of cloud-based connectivity | Crowdsourcing is applied appropriately to solve the problem. Correctly utilizes web data source. | Crowdsourcing is applied in some way. Utilizes web data source. | Crowdsourcing is attempted. Connects to a web data source. | Crowdsourcing is not applied, or does not connect to a web data source. |
| Documentation | Uses appropriate documentation of work. The three formats for documenting work:   * App Inventor comments * Project design notebook * Named versions of project | Uses appropriate techniques in two forms for documenting work | Often uses appropriate techniques for documenting work | Does not usually use appropriate techniques for documenting work |
| Collaboration | Provides helpful original input to others  Promotes positive, productive, and respectful team dynamic  Encourages and incorporates input from others  Promotes equitable workload | Provides adequate original input to others  Maintains positive, productive, and respectful team dynamic  Positively incorporates input from others  Maintains equitable workload | Significant but limited input  Usually maintains positive, productive, and respectful team dynamic  Receives input from others  Shares workload somewhat equitably | Limited input  Is not promoting positive, respectful, or productive team dynamic  Discourages or is unresponsive to input from others  Does not promote equitable workload |
| Appropriate Algorithm | Code demonstrates use of appropriate algorithms. | Code mostly uses appropriate algorithms. | Code often uses appropriate algorithms. | Code does not use appropriate algorithms. |
| Explanation of Algorithm | Comments clearly and thoroughly explain the algorithm(s). | Documentation explains the algorithm(s). | Documentation insufficiently explains algorithm. | No documentation |
| Explanation of Problem Solution | Prose clearly and thoroughly explains how the solution meets the need.  Prose clearly explains the solution’s strengths and weaknesses and strategizes for improvement. | Prose explains how the solution meets the need.  Prose mentions a strength or weakness and ideas for improvement. | Prose explains how the solution meets the need.  Prose mentions a strength or weakness. | Prose does not address how the solution is connected to the need. |
| Planning | Product backlog shows intent.  Sprint task list subdivides to simpler subproblems. | Product backlog shows intent.  Sprint task list shows subdivision to simpler subproblems, but some tasks are too big. | Product backlog and sprint task list show inadequate attempt to indicate long-term intent and an attempt to break down problem into simpler tasks. | Product backlog or sprint task list are missing. |

Other comments: