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| Capstone Guidelines | Does not Meet Expectations 0-1 | Meets Expectations 2-3 | Exceeds Expectations 4-5 |
| Applied research in order to complete project | Project process and products do not reflect that it is based on the research done, based on evidence provided | Project is completed based on research completed, based on evidence provided | Project is completed based on research completed, based on evidence provided and demonstrates additional research completed during the completion of the project, after the initial research is done |
| Worked Minimum of 85 hours on project | Worked less than 85 hours on project | Worked 85-96 hours on project | Worked more than 96 hours on the project |
| Completed goal as outlined in project proposal | Did not meet goal as outlined in the project proposal | Met goal as outlined in project proposal | Met goal as outlined in project proposal and exceeded what was proposed |
| Actively worked with mentor to guide research and project | Worked minimally with mentor, did not communicate regularly | Worked regularly with mentor, evidence demonstrates guidance from mentor followed by student | Worked closely with mentor, evidence demonstrates guidance from mentor followed by student in research and in project completion |
| Portfolio of work in progress | Portfolio not contain all required elements | Portfolio contains all required elements: worklog, evidence of work at each stage of project, versions, screen shots, drafts, documentation of communications, research notes journal, and project documents | Portfolio contains all required elements and additional items not required that demonstrate level of effort |
| Researcher Guidelines | Does not Meet Expectations 0-1 | Meets Expectations 2-3 | Exceeds Expectations 4-5 |
| User will be able to have a 5-line two way conversation with GRAM | GRAM interacts for less than 5 lines | GRAM can interact for at least 5 lines | GRAM interacts for more than 5 lines |
| GRAM will ask questions related to the topic | GRAM does not ask any questions or asks a question off topic | GRAM asks at least one question on topic | GRAM asks more than one question concerning the topic |
| GRAM will give an opinion (non-factual response) concerning the topic | GRAM answers logically, answers off-topic, or does not provide a response | GRAM gives a generic opinion concerning the topic without reasoning | GRAM gives a detailed opinion on the topic with reasoning |
| GRAM will show a variety of animations throughout the conversation | GRAM does not show any animations or less than one animation for every 5 lines of response | GRAM shows at least one animation per every 5 responses (average) | GRAM shows more than one animation per every five responses |
| GRAM gives reasonable responses | GRAM gives a non-default unreasonable response | GRAM gives a default response that is reasonable | GRAM gives a non-default response that is reasonable |

Personal Project requirements set by the mentor

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| Mentor Guidelines | Does not Meet Expectations 0-1 | Meets Expectations 2-3 | Exceeds Expectations 4-5 |
| Component to identify topic of user response | Identifies less than 3 topics out of ten | Identifies less than 5 topics out of ten | Identifies at least 7 topics out of the ten |
| Component to identify new topic | Identifies a new topic 3 out of ten tries | Identifies a new topic 5 out of ten tries | Identifies a new topic 7 out of ten tries |
| Component to identify possible responses for the user | Possible responses are not on-topic | Half of the responses are on-topic | Majority of the responses are on-topic |
| Component to rank possible responses | top 10 responses are not on-topic | 5 out of the 10 responses are on-topic | 8 out of the 10 responses are on-topic |
| Component to incorporate user response to the system | Does not update topic or language model with user response | Updates both the topic and language model with user response | Updates language model using outside information given a topic update |