<table>
<thead>
<tr>
<th>Dimension</th>
<th>Summary</th>
<th>Detailed</th>
<th>% of Phase Grade</th>
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| **Design Synthesis**            | Articulated the business need and project benefits/value.             | ● Determined relevant customer(s)/partner(s) and their goal(s) for the project.  
● Worked closely with sponsor to define project scope to a degree that all constituents are satisfied.  
● Derived appropriate wants/needs/constraints, and  
● Developed key performance/cost measures (metrics) that define business success for you sponsor; and  
● Set appropriate ‘current state’ and future ‘target values’ for key performance/cost measures.  
● Developed and articulated a business/engineering basis for the above structure, including an understanding of the hierarchical and cause–effect relationship of the above wants/metrics variables.  
● Initiated background research and began benchmarking competitive and applicable technology.  
● Demonstrated technical competence for all key project aspects.                                                                                              | 55               |
| **Resource Use Effectiveness**  | Developed ‘first-cut’ project execution plan in conjunction with scope requirements, including consideration of broad project steps and resource utilization given time constraints of the course. | ● Completed the above design-synthesis phase results on time.  
● Functioned as a team:  
  o finalized the team resume and reviewed with sponsor and advisor,  
  o professionally executed a peer review, and through interaction with advisor, etc., moved forward as a team; taking corrective action(s) as needed.  
● Developed initial plan for resources ($; people; equipment; etc.) and their task-time allocations.                                                                                                          | 10               |
| **Communication**               | Demonstrated continuous communication between all team members, advisor, and sponsor.  
All interactions were timely & were conducted professionally. | ● Contacted sponsor immediately and began intensive interaction.  
● Demonstrated continuous communication:  
  o via regular contact with sponsor,  
  o via weekly updates/meetings with advisor,  
  o via initiation & then regular use of online logbook.  
● Communicated clearly and professionally with advisor and sponsor (written & oral means).  
● Developed team norms to facilitate team communication; and justify objective peer evals.                                                                                                                  | 35               |