

MSE 2202—Introduction to Mechatronic Design
PRODUCT DEVELOPMENT FILE EVALUATION

REPORT TITLE:

PROJECT GROUP:

MEMBERS:

RATING GUIDE

Marking Basis	Mark Assigned
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| 1. SPECIFICATION AND PLANNING PHASE <ul style="list-style-type: none">• Statement of Need/Problem Statement• Product Design Requirements (understanding the problem)• Program Plan (planning and scheduling) | (25) |
| 2. CONCEPTUAL DESIGN PHASE <ul style="list-style-type: none">• Conceptual Design Development (concept generation)• Concept Evaluation (concept selection) | (25) |
| 3. PRODUCT (DETAIL) DESIGN PHASE <ul style="list-style-type: none">• Project Generation (refine selected design concept(s))• Engineering Analysis• Detailed Documentation (drawings, BOM, schematics, code, etc.)• Product Evaluation (product design vs. requirements) | (40) |
| 4. GENERAL ORGANIZATION
Cover page, table of contents, sequence of sections, overall adequacy and integration of file. | (10) |

Total Mark: (100) 100.0

COMMENTS