| Assignment 3 - Deriving and Evaluating a DB | EE379K | EE382C |
|---|---|---|
| **Part 1a: Deriving Deployment Blueprints (DB) -- Representation Graphic** | | |
| Graphic provided | 0.25 | 0.25 |
| Solution elements identifiable in graphic | 1 | 0.5 |
| Graphic makes primary style evident | 0.5 | 0.5 |
| Similar style graphic shown in excerpt from reference | 0.5 | 0.25 |
| Every "box" and "line" element described | 0.5 | 0.25 |
| **Part 1b: Deriving Deployment Blueprints (DB) -- Representation Text** | | |
| Mapping provided from SB solutions (in DB) to BB functions | 1 | 1 |
| Mapping provided to BB I/O | 0.5 | 0.5 |
| **Part 1c: Deriving Deployment Blueprints (DB) -- Derivation Rationale** | | |
| Discussion addresses all needs from Assgn. 2, Part 1 | 1 | 0.5 |
| 4 styles or design guidelines discussed | 1.5 | 1 |
| References provided for each style or guideline | 0.5 | 0.5 |
| Conflicts identified or lack of conflicts discussed | 0.5 | 0.5 |
| Business blueprint refactoring discussed | 0.5 | 0.5 |
| **Part 2: Evaluating Solution Blueprint (SB) Compliance** | | |
| CompFuncCoeff for every component-soln pair | 0.25 | 0.25 |
| CompFuncCoeff calculated correctly | 0.25 | 0.25 |
| CompDataCoeff for every component-soln pair | 0.25 | 0.25 |
| CompFuncBoundaryError for every solution | 0.25 | 0.25 |
| CompFuncBoundaryError calculated correctly | 0.25 | 0.25 |
| **Part 3: Planning Evaluation of DB Using an ATAM Quality Attribute Utility Tree** | | |
| Level 1 with aggregation discussion | 0.5 | 0.25 |
| Level 2 with qualities from Assignment 2, Part 1 | 0.5 | 0.25 |
| Level 3 with sub-factor(s) under each goal | 0.5 | 0.25 |
| Level 4 with objective(s) under each sub-factors | 0.5 | 0.25 |
| Level 4 rated by importance to system | 0.5 | 0.25 |
| Level 4 rated by difficulty | 0.25 | 0.25 |
| Level 5 with metric(s) under each objective | 0.5 | 0.25 |
| Level 5 rated by degree to which it accurately predicts/assesses whether the objective has been met | 0.25 | 0.25 |
| *General* | | |
| 2 different deployment blueprints provided | 1 | 1 |
| Quality of content and presentation | 0.5 | 0.5 |
| **TOTAL** | **14.5** | **11** |