Architecture of Complex Systems

**Project Evaluation:** Balsa Wood Glider

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Week 1: Systems Thinking

**Step 1: Select Your System**

Evaluating Balsa Wood Glider

**Step 2: Identify System Form and Function**

Points: 3

Primary form and function are mentioned. There is an explanation of why the two are selected based on the definition of form and function

**Step 3: Identify System Entities**

Points: 3

All entities (5 of them) are identified with form and function. All the entities are highlighted in the diagram as required

**Step 4: Identify System Relationships**

Points: 3

All six entities are identified. There are formal and functional relationships mentioned on the graph with a good explanation on the connection types

**Step 5: Predict System Emergence**

Points: 3

Both types of emergence are included. There is a good rationale (based on the functional and formal relationships) that led to the different types of emergences.

**Step 6: Develop System Decomposition**

Points: 3

Decomposition view is shown. Both level 0 and level 1 are included. Five elements exist at level one with the aggregation triangle shown.