5.2.1 Intended Learning Outcomes (ILOs)

For guidance on developing strong ILOs, refer to **Chapter 2.2 - Intended Learning Outcomes (ILOs)**

In the Learning Design Studio (LDS), there are four categories of Intended Learning Outcomes (ILOs):

- **Disciplinary Knowledge**: The core concepts, theories, facts, and frameworks that are recognized and developed within a particular field or area of study.
- **Disciplinary Skills**: The specific techniques, methods, and competencies associated with a particular field or area of study.
- **Generic Skills**: The broad abilities that help people succeed in education, work, and daily life, regardless of a particular field or area of study.
- **Values & Attitudes**: The beliefs, principles, and dispositions that guide a person's behavior, decision-making, and interactions with others.

Adding a New ILO

There are two ways to add a new ILO: (1) writing it yourself, or (2) using the ILO patterns.

1. Adding a New ILO - Writing it Yourself

- You will write the full ILO to indicate what students is expected to achieve as a result of the learning process.

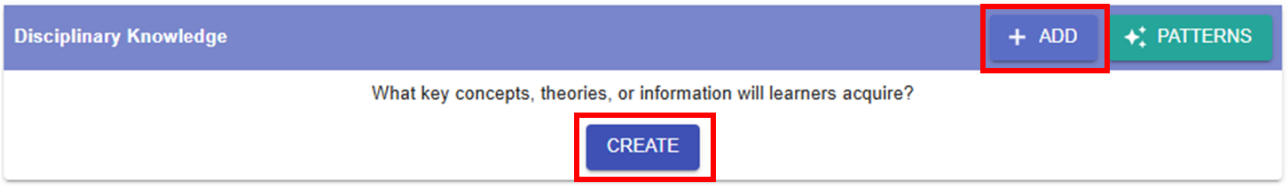


Figure 5.3: Adding a New ILO

- If you have not added any ILOs before, you can click the + ADD or CREATE button to add a new ILO.

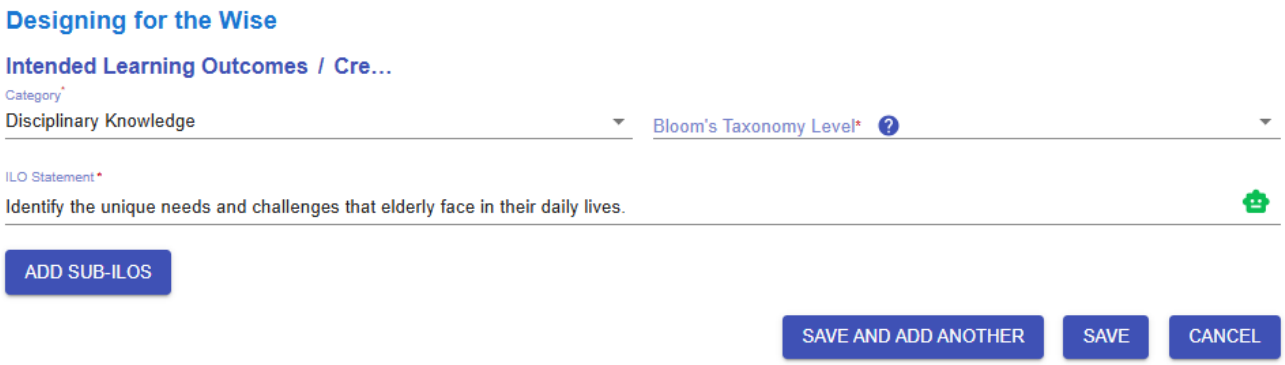


Figure 5.4: Interface of the ILO Builder (1)

- We will review each field in the ILO Builder below.

1. Subject/Discipline(s)



Figure 5.5: Interface of the ILO Builder (2)

- Select the appropriate discipline(s) for each ILO as needed.

2. Category

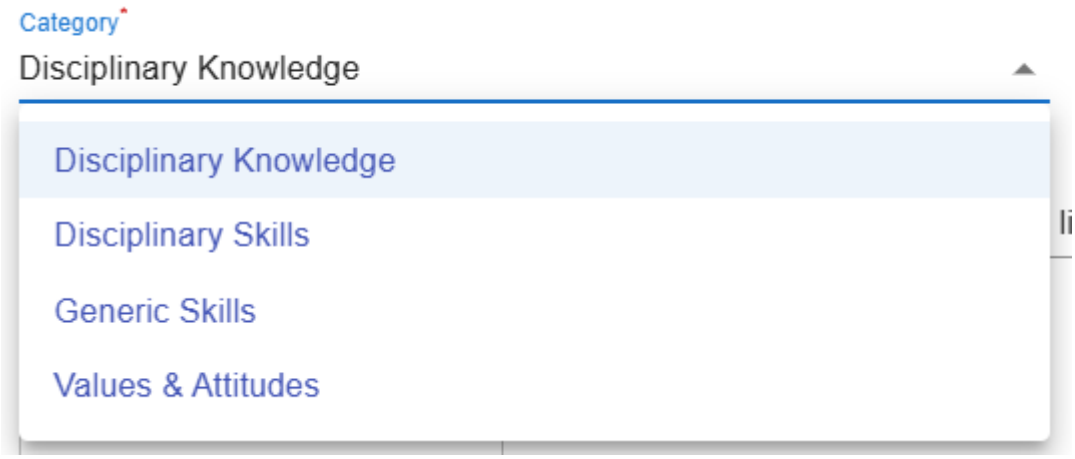


Figure 5.6: Interface of the ILO Builder (3)

- Select the category of ILO: **Disciplinary Knowledge, Disciplinary Skills, Generic Skills, or Values & Attitudes**.

3. Bloom's Taxonomy Level

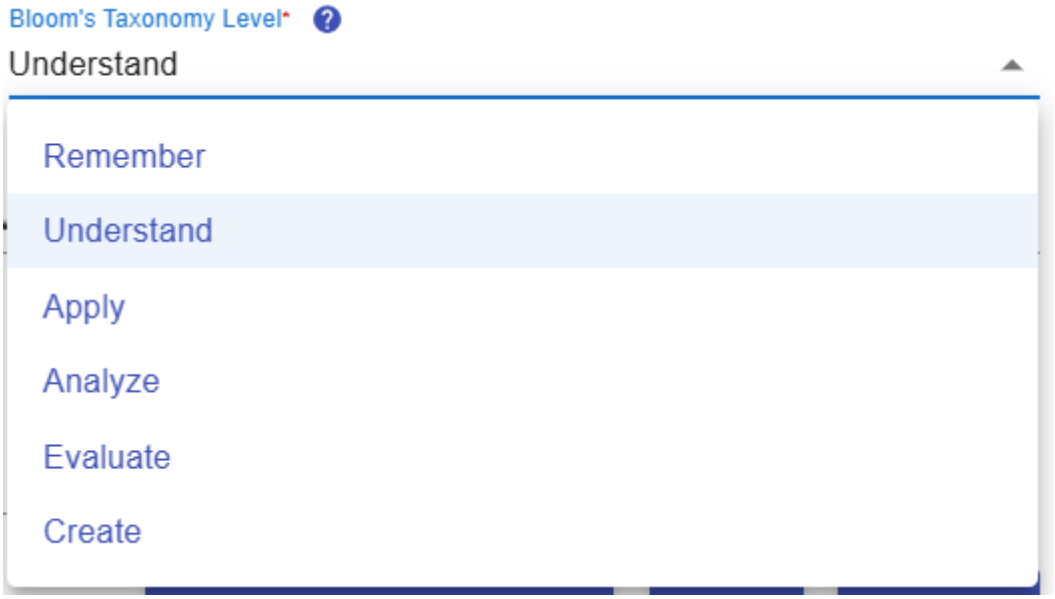


Figure 5.7: Interface of the ILO Builder (4)

- Select the Bloom's Taxonomy level that best reflects the intended skill, knowledge, or value for this outcome (e.g., Remember, Apply, Evaluate).

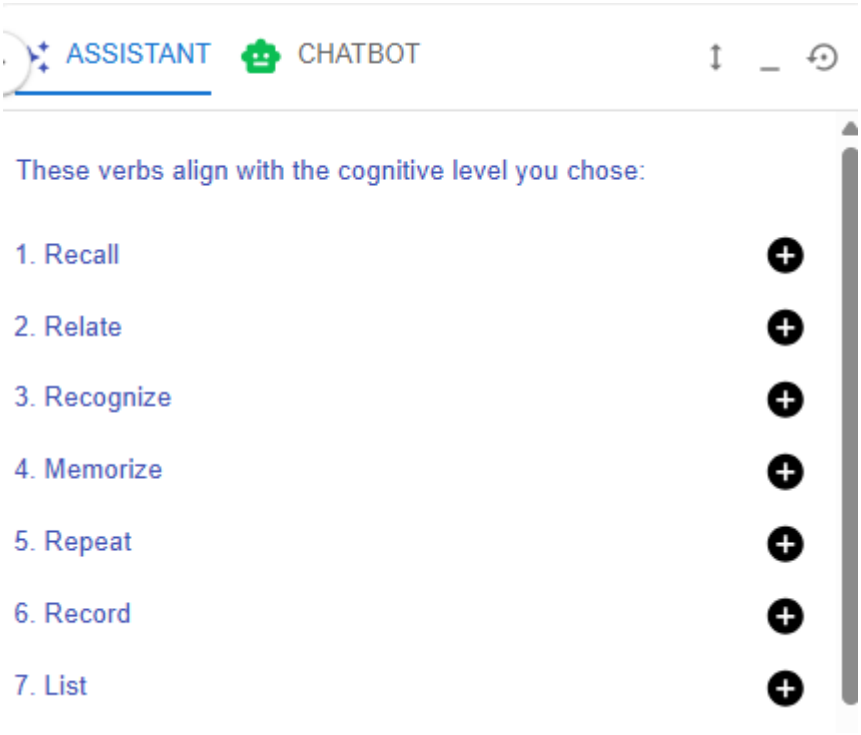


Figure 5.8: Writing a ILO with the Learning Design Facilitator

- After selecting the Bloom's Taxonomy level, the Learning Design Facilitator will recommend suitable action verbs to help you formulate your ILOs.
- Choose the appropriate action verb that best reflects the skill, knowledge, or value targeted by your ILO.

4. ILO and Learning Design Facilitator

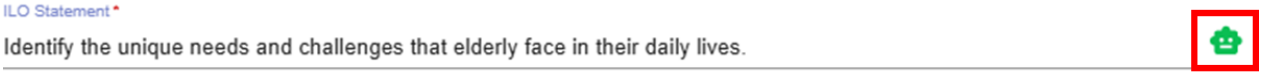


Figure 5.9: Interface of the ILO Builder (5)

- Click the Learning Design Facilitator button to request feedback from the chatbot on your ILO.

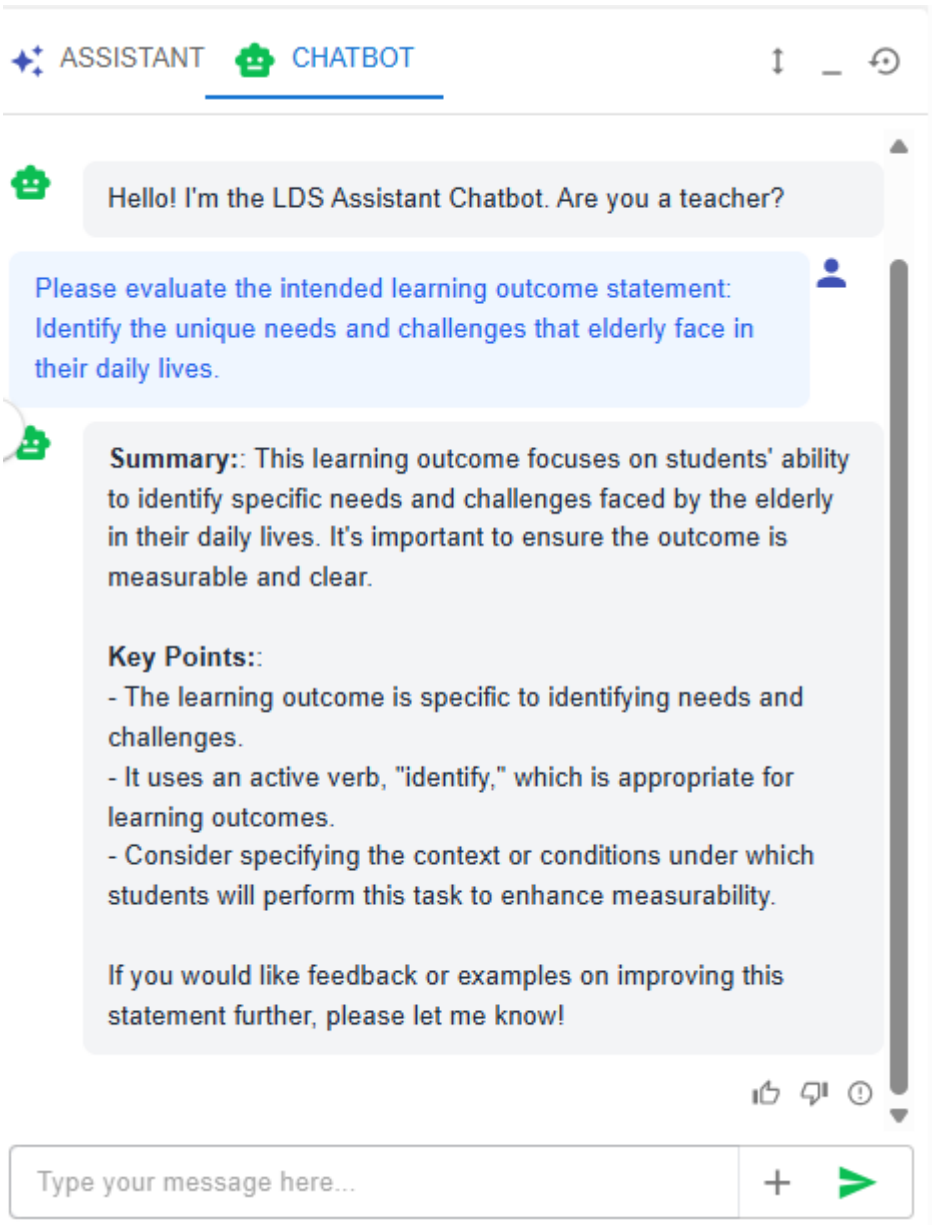


Figure 5.10: Evaluating a ILO with the Chatbot

5. Sub-ILO(s)



Figure 5.11: Interface of the ILO Builder (6)

- To provide greater clarity, an ILO can be subdivided into more detailed sub-ILOs as needed.

2. Adding a New ILO - Use the ILO Pattern

- In addition to writing your own ILO, you may use our pre-defined pattern.

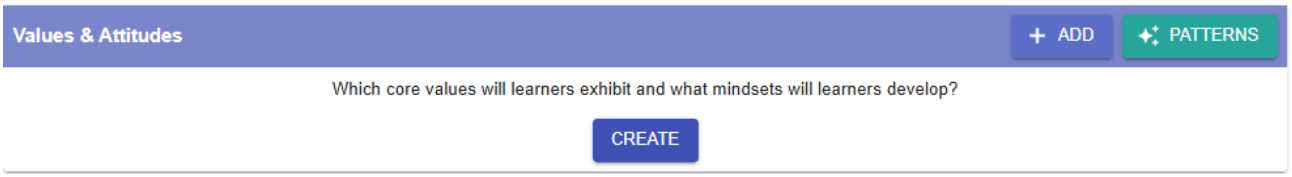


Figure 5.12: Intended Learning Outcomes - Values & Attitude

- For example, if you want to create an ILO for the **Values & Attitude** category, we can create one by using the ILO patterns.

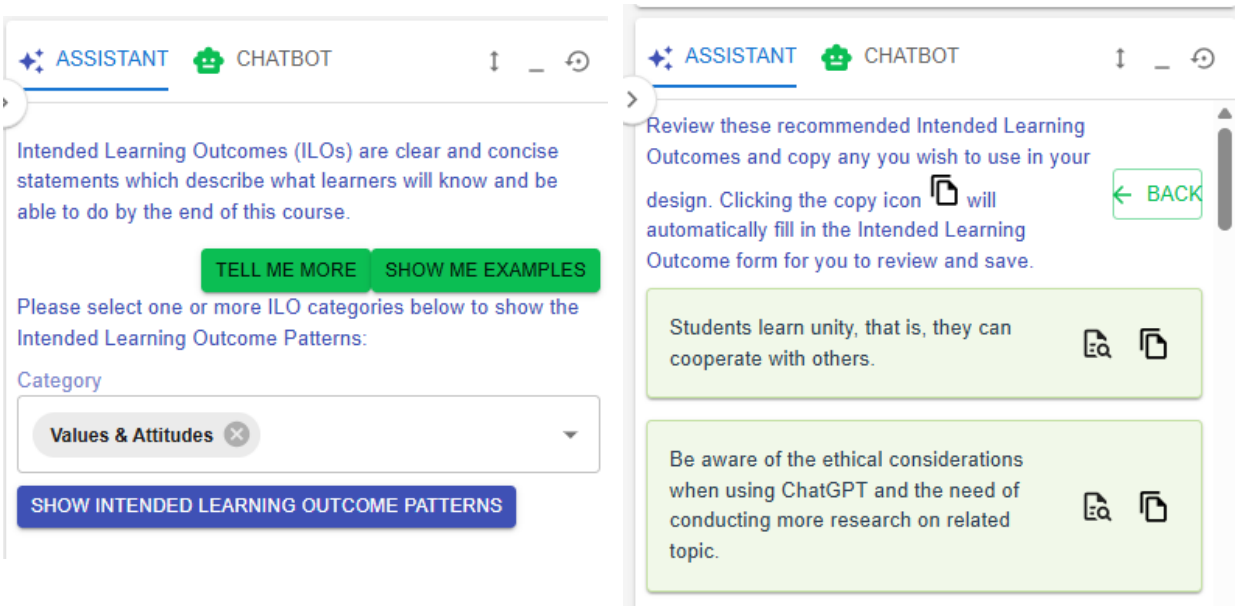


Figure 5.13: The ILOs Patterns in the LDS Facilitator

- After selecting the targeted ILO category in the Learning Design Facilitator, click the **"SHOW INTENDED LEARNING OUTCOME PATTERNS"** button to view suggested patterns. Alternatively, you can click the 

button to instantly activate the pattern list.
- By clicking the  button, you can explore the details of the targeted ILO pattern.

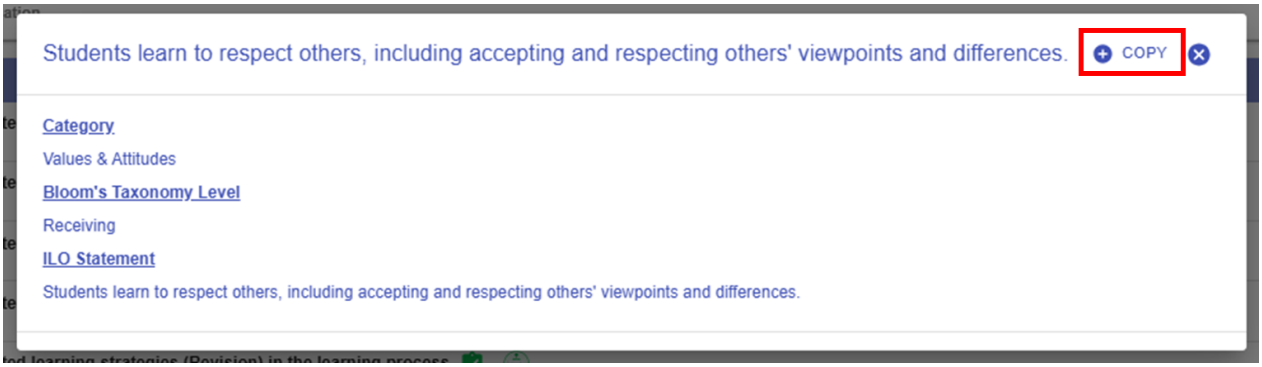


Figure 5.14: Details of the Targeted ILO Pattern (1)

- You can use the targeted ILO pattern directly by clicking **"COPY"** button in the pop-up window, or by clicking the  button in the Learning Design Facilitator. The ILO pattern details will be auto-filled into the LDS.

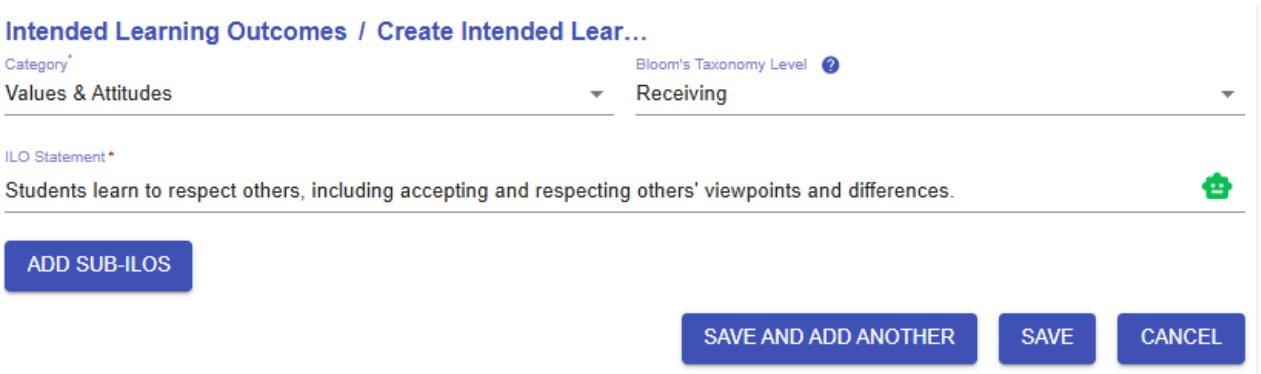


Figure 5.15: Details of the Targeted ILO Pattern (2)

- You can edit the details of the targeted ILO pattern in the ILO builder if needed.

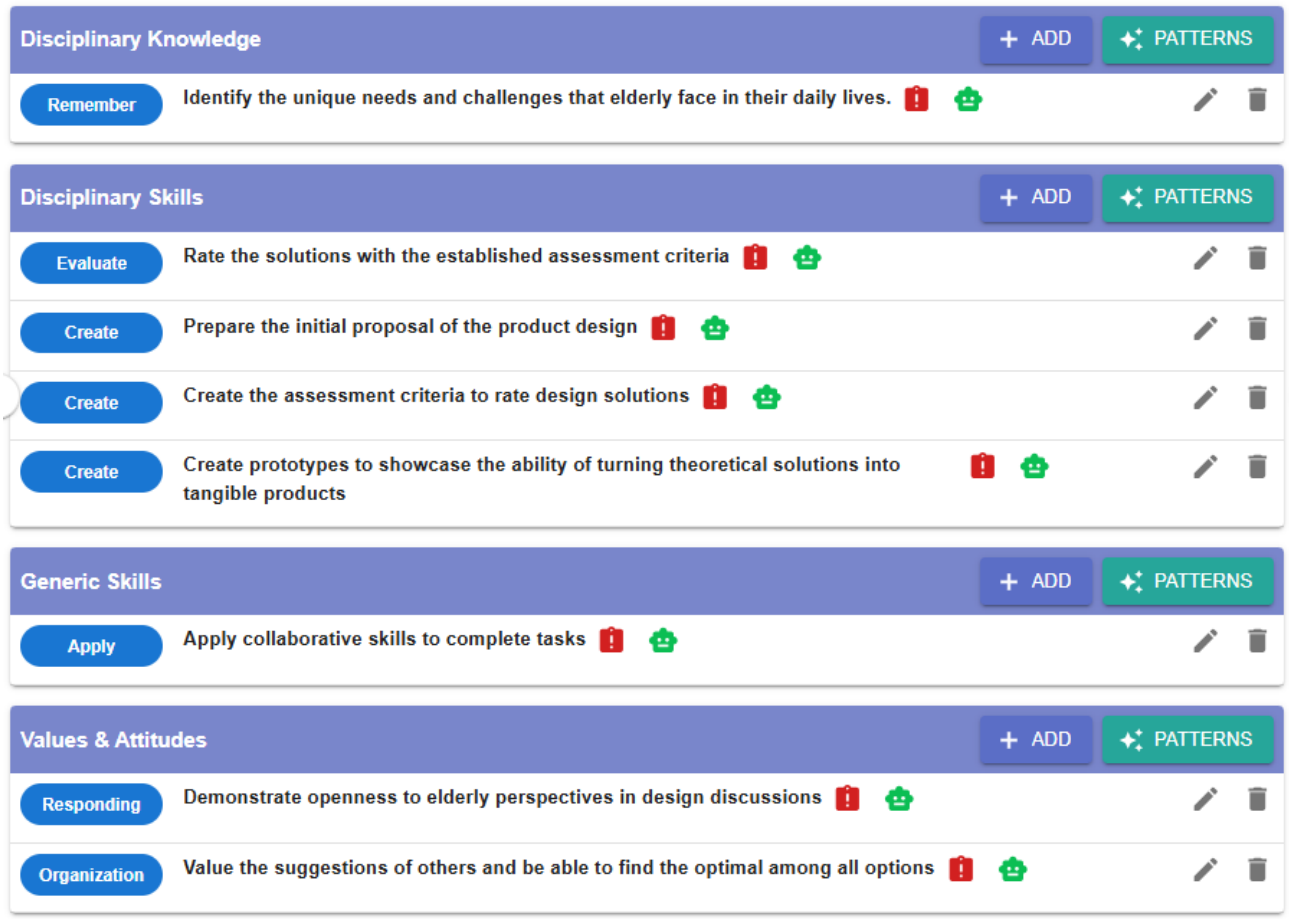


Figure 5.16: An example of a completed ILO section

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