Phase 1: Problem Understanding & Industry Analysis

- **Requirement Gathering**: Collect requirements from professors (rubric-based grading, general grading without rubric, feedback, re-evaluation requests, reporting).

- **Stakeholder Analysis**: Professors (define marking scheme, approve/reject AI grading), Students (submit answers, view grades), Admins (manage org, permissions), TAs (review flagged answers).

- **Business Process Mapping**:

  1. Student uploads answer → stored in Salesforce.

  2. Auto-grading triggered (via ML API/Einstein).

  3. Score, rationale, and confidence returned.

  4. Professors validate or override.

  5. Results published to students.

- **Industry-specific Use Case Analysis**: Similar to EdTech tools like Gradescope but integrated with Salesforce's workflow, audit trail, and reporting. Useful in schools, universities, and corporate training.

- **AppExchange Exploration**: Explore apps like "Grade Capture", "Document Automation", or "Einstein Analytics" dashboards to see reusable components.