

NIYAMR AI – 48-Hour Internship Assignment (AI Agent Development)

Document Provided: Universal Credit Act 2025 (PDF)

Deadline: 48 Hours

Submission: GitHub Repo + JSON Output + 2-minute Video

Objective

Build a mini AI agent that can read, summarise, and analyse the Universal Credit Act 2025 and return a structured JSON report.

Tasks (Only Up To Task 4)

Task 1 — Extract Text

Extract full text from the Universal Credit Act 2025 PDF using any method.

The extracted text must be clean and structured.

Task 2 — Summarize the Act

Summarize the entire Act in 5–10 bullet points focusing on:

- Purpose
- Key definitions
- Eligibility
- Obligations
- Enforcement elements

Task 3 — Extract Key Legislative Sections

Extract:

- Definitions
- Obligations
- Responsibilities
- Eligibility
- Payments / Entitlements
- Penalties / Enforcement
- Record-keeping / Reporting

JSON format:

```
{  
  "definitions": "...",  
  "obligations": "...",  
  "responsibilities": "...",  
  "eligibility": "...",  
  "payments": "...",  
  "penalties": "...",  
  "record_keeping": "..."  
}
```

Task 4 — Apply These 6 Rule Checks

Rules:

1. Act must define key terms
2. Act must specify eligibility criteria
3. Act must specify responsibilities of the administering authority
4. Act must include enforcement or penalties

5. Act must include payment calculation or entitlement structure
6. Act must include record-keeping or reporting requirements

Output format:

```
{  
  "rule": "Act must define key terms",  
  "status": "pass",  
  "evidence": "Section 2 - Definitions",  
  "confidence": 92  
}
```

Deliverables (Must Be Submitted in 48 Hours)

1. GitHub Repository (code + readme + requirements)
2. JSON Output (final structured report)
3. 2-Minute Video (explain approach + architecture)

Allowed Tools

- Python / Node.js
- OpenAI / Claude / Llama
- Any PDF extractor
- Optional: Streamlit UI

Deadline

48 hours from receipt.