Hackathon Task Brief

Objective:
Develop a Model Context Protocol (MCP) server using SUBJCT's provided API endpoints to demonstrate capabilities and solve real-world content optimisation challenges via an agentic delivery method.

See: https://modelcontextprotocol.io/introduction

Scope:
- Use Subjct's API endpoints to build a functioning MCP server within the 4-hour timeframe.
- Focus on transforming content from a CMS (e.g., Shopify or WordPress) for optimisation:
  - Add relevant links, tags, and schema.
  - Integrate knowledge graph data.
  - Ensure compatibility with existing SUBJCT functionalities.

Requirements:
- Utilise provided Swagger documentation and test account access.
- Deliver a proof of concept showcasing seamless API integration.
- Highlight how the solution can optimise articles for increased LLM mentions.
- Show the MCP server plugged in to Claude, ChatGPT or Google ADK to demonstrate functionality

Resources Provided:

- Test account credentials. Sign up using this link.
- SUBJCT API documentation (Swagger).
- After signing up, access the keys in the config area.
- MCP Server Quickstart
- Using LLMs to generate MCP server
- MCP + Google ADK

Deliverables:

- A working MCP server prototype.
- Documentation and a brief presentation demonstrating functionality.
- Suggestions for scaling the solution or next steps.

Evaluation Criteria:

- Functionality and completeness of the MCP server.
- Effective utilisation of SUBJCT API.
- Potential for real-world application and scalability.
- Creativity and problem-solving approach.
- Going the extra mile to illustrate the power of MCP servers when bundled together (e.g. a demo illustrating your SUBJCT MCP server combined with Shopify/Wordpress CMS MCP server within Claude/ChatGPT)