

## 🌐 AI-Driven Development – 30-Day Challenge 📈 Task 9 & 10

### ✖ Skills

#### 📝 Task 9: Custom Skills

##### 1. Directory Structure:

```
.claudecode/skills/
├── chapter-outline.md
├── character-developer.md
└── plot-checker.md
```

##### 2. Each Skill MUST Have These 5 Things:

1. Skill Description - What does it do?
2. Parameters - What inputs does it need?
3. Examples (2-3) - Input/Output examples
4. Instructions - How to use it?
5. Output Format - What will the output look like?

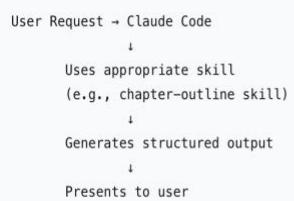
##### 3. Three Essential Skills:

1. Chapter Outline Generator - Creates chapter outlines
2. Character Development Assistant - Creates character profiles
3. Plot Consistency Checker - Finds plot errors

#### IMPORTANT NOTES:

1. Skills must be reusable - Not for just one project
2. Focus on book writing workflow - Add real value
3. Test before submitting - Make sure they work in Claude Code
4. Use clear examples - So instructor can understand easily
5. Follow the exact structure - As shown in the guide

#### Skill Workflow:



### -Agent

#### 📝 Task 10: Agent

### 1. Directory Structure:

```
.claudecode/agents/
|__ main-orchestrator.md
|__ research-agent.md
|__ writing-agent.md
|__ editing-agent.md
```

1. main-orchestrator.md - Controls the entire workflow
2. research-agent.md - Handles research tasks
3. writing-agent.md - Writes the book content
4. editing-agent.md - Edits and polishes content
5. formatting-agent.md - Formats for publishing

### Agent Workflow:

```
User Request → Main Orchestrator
      ↓
Delegates to specific agents
(Research → Writing → Editing → Formatting)
      ↓
Coordinates all agents
      ↓
Delivers complete book
```

## 📁 Complete Structure:

```
Task9-Complete-Submission/
|__ .claudecode/
|  |__ agents/
|  |  |__ main-orchestrator.md
|  |  |__ research-agent.md
|  |  |__ writing-agent.md
|  |  |__ editing-agent.md
|  |  |__ formatting-agent.md
|  |__ skills/
|  |  |__ chapter-outline.md
|  |  |__ character-developer.md
|  |  |__ plot-checker.md
|  |  |__ research-checker.md
|  |  |__ style-enhancer.md
|  |__ workflows/
|  |  |__ book-writing-workflow.md
|__ README.md
|__ screenshot1.png # Agents folder
|__ screenshot2.png # Skills folder
|__ demo-video.mp4 # Optional: Working demo
```

### 💡 Learning Outcomes

1. Learned Claude Code Skills - How to create reusable skills
2. Mastered Sub-Agents - How to build specialized agents

3. Understood Orchestration - How agents work together
4. Applied to Book Writing - Created practical system
5. Prepared for Hackathon - Gained valuable experience

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