**Tentative UI design**
**(Wireframe uploaded separately)**

# Login Page

**Welcome back**

Sign in to your account

Email

you@example.com

Password

••••••••

Login

Forgot password?

Don't have an account? Register

# Registration Page

## Create account

Register to get started

**Full name**

John Doe

**Email**

you@example.com

**Password**

........

**Confirm password**

........

**Role**

Participant ⌄

Register

Already registered? Login

# Participant Dashboard

**Study Weave**
John Doe

Dashboard    Studies    My History

## Welcome back, Zaeem!

**Notifications**
Recent activity

⚠ You have been invited to "Study X". (Due Oct 30)

⊘ Your "Study Y" submission was received.

**Quick Actions**
Jump back into your work

[Start next task]  [Browse studies]  [View history]

### My Assigned Studies

**Study X: AI vs. Human Code Readability**
2 of 3 tasks complete

Progress        70%

[Start Task 3]

**Study Y: UML Diagram Clarity**
Completed

Progress        100%

[View History]

# Researcher Dashboard

**Study Weave (Researcher)**
Dr. Ali

Dashboard    My Studies    Artifacts    Assess

**Researcher Dashboard**
Create and manage your studies

Start a new participant study

[+ Create New Study]

### My Active Studies

**Study X: AI vs. Human Code Readability**
70% (14/20 participants)

Progress        70%

[∿ Monitor]

**Study Z: UML Diagram Clarity**
Draft · Setup incomplete

Progress        Setup incomplete

[⚙ Edit Setup]

# Competency Assessment Creation Page

## Assessment Builder Details

Assessment Title

Java & Spring Boot Proficiency Quiz

🕐 Duration (minutes)

60

↗ Passing Threshold (%)

70

Define Scoring Rules & Thresholds

## Questions Editor

### Question 1

🗑 Delete Q

Question Title

What is Dependency Injection?

Type: Multiple Choice

**Options (Select one or more 'Correct' options)**

☐ Correct    Option A    🗑

☑ Correct    Option B    🗑

+ Add Option

+ Add New Question    ⬆ Import Questions    ⚡ Generate with AI

💾 Save Assessment Template

# Competency Assessment Page

## Competency Assessment
🔴 **DUE DATE: October 30th, 2025 at 23:59 PST**

Please complete to qualify for studies.

## Part 1: Background Questionnaire

How many years of professional programming experience do you have?

○ 0-1    ○ 1-3    ○ 3-5    ○ 5+

## Part 2: Technical Quiz

1. What is a "React hook"?

○ A function that lets you use state and other React features without writing a class.

○ A type of functional component.

2. What is the purpose of a "UML class diagram"?

○ To visualize the structure of a database.

○ To show the structure of a system, including its classes, attributes, and relationships.

○ To document the step-by-step process flow of a user interaction.

Submit Assessment

# Artifact Selection

**Study Creation Wizard**
Create New Study (Step 1 of 4: Details)

**Study Title**

AI vs. Human Code Readability

**Description for Participants**

You will compare two code snippets...

**Evaluation Criteria (What participants will rate)**

| | |
|---|---|
| Readability (1-5 Stars) | Add + |
| Correctness (1-5 Stars) | Add + |

**Settings**

☐ Blinded Evaluation (Hide artifact origin)

Cancel                    Next: Select Artifacts >

---

## Study Weave (Researcher)

Dr. Ali

Dashboard      My Studies      Artifacts      Assess

### My Artifacts

+ Upload new artifact

Filter

**Experiment Setup Diagram**
Type: Human generated

diagram    setup    UX research

Manage

**AI Model Codebase v1.2**
Type: AI generated

code    model    analysis

Manage

**User Study Report Q3 2023**
Type: Human generated

report    findings    qualitative

Manage

**Synthetic Dataset Generation Log**
Type: AI generated

data    log    generation

Manage

# Artifacts Comparison

## Artifact A (Blinded)

```
 3. function process(data) { /* step 3 ... */ }
 4. function process(data) { /* step 4 ... */ }
 5. function process(data) { /* step 5 ... */ }
 6. function process(data) { /* step 6 ... */ }
 7. function process(data) { /* step 7 ... */ }
 8. function process(data) { /* step 8 ... */ }
 9. function process(data) { /* step 9 ... */ }
10. function process(data) { /* step 10 ... */ }
11. function process(data) { /* step 11 ... */ }
12. function process(data) { /* step 12 ... */ }
13. function process(data) { /* step 13 ... */ }
14. function process(data) { /* step 14 ... */ }
15. function process(data) { /* step 15 ... */ }
16. function process(data) { /* step 16 ... */ }
17. function process(data) { /* step 17 ... */ }
18. function process(data) { /* step 18 ... */ }
```

## Artifact B (Blinded)

```
 3. const process = (d) => { /* step 3 ... */ }
 4. const process = (d) => { /* step 4 ... */ }
 5. const process = (d) => { /* step 5 ... */ }
 6. const process = (d) => { /* step 6 ... */ }
 7. const process = (d) => { /* step 7 ... */ }
 8. const process = (d) => { /* step 8 ... */ }
 9. const process = (d) => { /* step 9 ... */ }
10. const process = (d) => { /* step 10 ... */ }
11. const process = (d) => { /* step 11 ... */ }
12. const process = (d) => { /* step 12 ... */ }
13. const process = (d) => { /* step 13 ... */ }
14. const process = (d) => { /* step 14 ... */ }
15. const process = (d) => { /* step 15 ... */ }
16. const process = (d) => { /* step 16 ... */ }
17. const process = (d) => { /* step 17 ... */ }
```

Sync Scrolling:  ○ On  ● Off

## Your Evaluation

Rate "Readability" (1–5 Stars):

○ ★1  ○ ★2  ● ★3  ○ ★4  ○ ★5

Which artifact was more readable?

● A  ○ B

Annotations / Comments:

@3 : bad a

Save Draft                    ☐ Submit Final Evaluation   **Submit**