

Date: 01/04/2025

Name: Ponkavya Ponboopathiraj

Date: Tuesday

Project: TalentZup

Freelancer Verification Test

Aim

To design the UI for the remaining **Programming and Behavior-related Questions** in the **Freelancer Verification Test**. This involves creating an **intuitive** and **user-friendly** interface that effectively presents these questions, ensuring a seamless experience for freelancers taking the test.

Test Structure (Two Parts)

Programming

- Basic Coding (Syntax, Loops, Conditions)
- Data Structures & Algorithms (Sorting, Searching, Linked Lists)
- Debugging & Code Optimization (Fixing Errors, Efficiency)

Behavioral & Personality Evaluation

Subtopics:

- **Communication Style** – How well do you express ideas?
- **Work Ethic & Honesty** – AI detects contradictions in responses.
- **Decision-Making Under Pressure** – How do you handle challenges?

Adaptability & Problem-Solving – How flexible are you in different work scenarios?

AI-Based Truth Detection:

- Direct & Hidden Questions to analyze **true behavior**.
- AI flags inconsistencies in freelancer responses.

Flow Chart

TalentZup Skill Verification Test - Flowchart

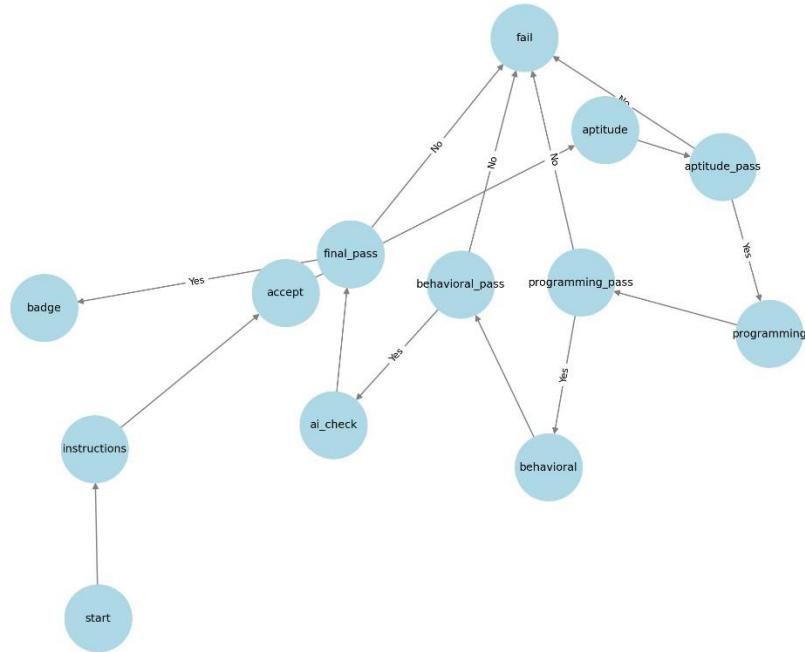


Figure 1

TalentZup Examination Flowchart

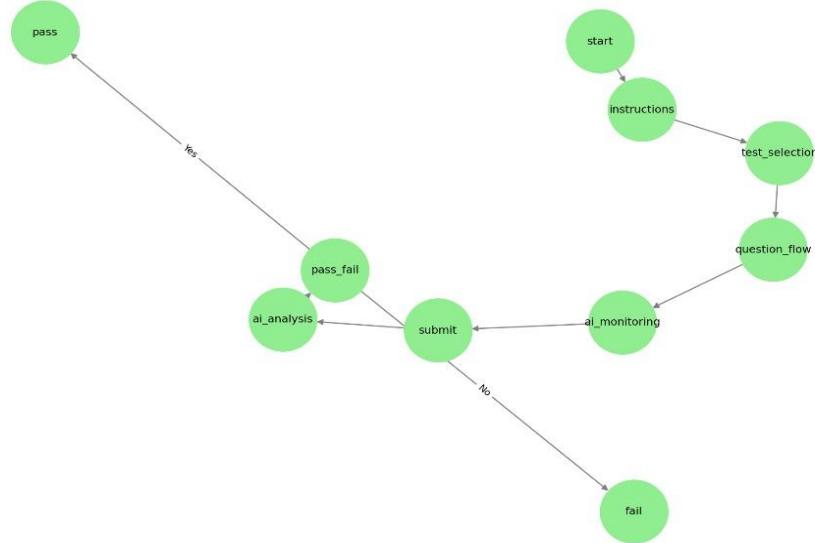


Figure 2

TalentZup Skill Verification Test - Flowchart

Purpose: Ensures freelancers meet skill standards before earning a **Verification Badge**. **Process Flow:**

- **Start Test** → Freelancer begins the test.

- **Instructions & Rules** → Test guidelines (one attempt per month, sections covered, etc.).
 - **Aptitude & Logical Thinking Test** → Assesses problem-solving skills.
 - **Pass Check (Aptitude)?** → ○ If passed → Move to **Programming Test**.
 - If failed → Retry next month.
 - **Programming & Technical Test** → Evaluates coding knowledge.
 - **Pass Check (Programming)?** → ○ If passed → Move to **Behavioral Evaluation**.
 - If failed → Retry next month.
 - **Behavioral & Personality Evaluation** → AI-based psychological assessment.
 - **Pass Check (Behavioral)?** → ○ If passed → AI verification starts. ○ If failed → Retry next month.
 - **AI Verification & Truth Detection** → AI checks honesty and response consistency.
- Final Pass Check?** → ○ **Pass** → Freelancer receives a **Skill Verification Badge**.
- **Fail** → Freelancer must retry next month.

2 TalentZup Examination Flowchart

Purpose: Defines how the **exam-taking process** works, ensuring a fair assessment. **Process Flow:**

- **Start Examination** → Freelancer begins the test.
- **Show Exam Instructions** → Rules, time limits, and guidelines.
- **Select Test Section** → Freelancer chooses **Aptitude, Coding, or Behavioral Test**.
- **Answer Questions One by One** → Freelancer attempts each question.
- **AI Monitors Consistency & Integrity** → AI detects contradictions or dishonest answers.
- **Submit Test** → Freelancer completes the test.
- **AI Analysis & Score Calculation** → AI evaluates skills and honesty.
- **Pass or Fail Check?** → ○ **Pass** → Freelancer earns a **Verification Badge & Score**.
 - **Fail** → Freelancer must retry next month.

Key Takeaways

- ✓ **Structured & Fair** → Ensures only skilled freelancers get verified.
- ✓ **AI-Powered Integrity Check** → Identifies contradictions and dishonest answers.
- ✓ **One Attempt Per Month** → Prevents repeated failures from reducing credibility.
- ✓ **Trust-Building for Clients** → Verified freelancers gain **more job opportunities**.

Screenshot

The screenshot shows the 'Test > Personality > Start' section with three tabs: 'Aptitude' (selected), 'Programming', and 'Behaviour'. Below the tabs, a message says: 'Once you complete the Aptitude Test, you can proceed to the Programming Test. After successfully finishing all tests, the final result will be generated based on your performance.' A section titled 'Programming Test Instructions' lists the following steps:

- Choose your preferred programming language from the available options.
- You will be given 2 programming questions to solve.
- A code editor will be provided to write and execute your code.
- You will have 40–60 minutes to complete both programs.
- You can run and test your code before submission.
- Once you successfully submit both programs, the Programming Test will be considered complete.

At the bottom are 'Start' and 'Later' buttons.

Figure 4

The screenshot shows the 'Test > Programming > Start' section with three tabs: 'Aptitude', 'Programming' (selected), and 'Behaviour'. Below the tabs, a challenge titled '1. FizzBuzz Challenge' asks to write a program that prints numbers from 1 to 50 with the following conditions:

- If a number is divisible by 3, print "Fizz" instead.
- If a number is divisible by 5, print "Buzz" instead.
- If a number is divisible by both 3 and 5, print "FizzBuzz".
- Otherwise, print the number itself.

An 'Example Output' box shows the expected output:

```

1
2
Fizz
4
Buzz
Fizz
...
50
  
```

A code editor window displays the following Python code:

```

for num in range(1, 51):
    if num % 3 == 0 and num % 5 == 0:
        print("FizzBuzz")
    elif num % 3 == 0:
        print("Fizz")
    elif num % 5 == 0:
        print("Buzz")
    else:
        print(num)
  
```

At the bottom are 'Run' and 'Submit' buttons.

Figure 5

The screenshot shows the 'Test > Programming > Start' section with three tabs: 'Aptitude', 'Programming' (selected), and 'Behaviour'. Below the tabs, a challenge titled '2. Second largest element' asks to write a program that finds the second largest element in an array of integers. An example input is given as arr = [12, 35, 1, 10, 34, 1]. An 'Example Output' box shows the expected output: 'Second largest element is: 34'. A code editor window has a placeholder 'type a code...' and language selection buttons for 'Language' and 'Python'. At the bottom are 'Run' and 'Submit' buttons.

Figure 6

The screenshot shows the 'Test > Behaviour > Start' section with three tabs: 'Aptitude', 'Programming', and 'Behaviour' (selected). Below the tabs, a message says: 'The next level behavior test should be conducted honestly in order to provide an accurate assessment.' A section titled 'Behaviour Test Instructions' lists the following guidelines:

- Be Honest – Answer truthfully.
- Stay Consistent – Keep your responses aligned.
- Use Real Examples – Think of actual experiences.
- Focus on Key Traits – Work ethic, communication, adaptability, professionalism.
- Take Your Time – Don't rush through the test.

At the bottom are 'Start' and 'Later' buttons.

Figure 7

The screenshot shows the 'Test > Behaviour > Start' section with three tabs: 'Aptitude', 'Programming', and 'Behaviour' (selected). Below the tabs, a series of questions are listed:

- Do you enjoy communicating with clients and team members?
 - a) Yes
 - b) No
- Do you handle pressure well?
 - a) Yes
 - b) No
- Are you comfortable speaking in meetings?
 - a) Yes
 - b) No
- Do you keep clients updated regularly?
 - a) Yes
 - b) No
- Do you believe honesty is important in freelancing?
 - a) Yes
 - b) No

At the bottom are 'Run' and 'Submit' buttons.

Figure 8

The screenshot shows the 'Test > Behaviour > Start' section with three tabs: 'Aptitude', 'Programming', and 'Behaviour' (selected). Below the tabs, a series of questions are listed:

- Would you rather work on a project alone or in a team?
 - a) Yes
 - b) No
- A deadline is tomorrow, but you are behind. What do you do?
 - a) Inform client
 - b) Work silently
 - c) Delay response
 - d) No response
- In a meeting, do you prefer to speak first or observe?
 - a) Yes
 - b) No
- When do you update the client on work progress?
 - a) Daily
 - b) Weekly
 - c) Monthly
 - d) Only when asked
- Have you ever hidden a mistake from a client?
 - a) Yes
 - b) No

At the bottom is a 'Submit' button.

Figure 9



Test > Result

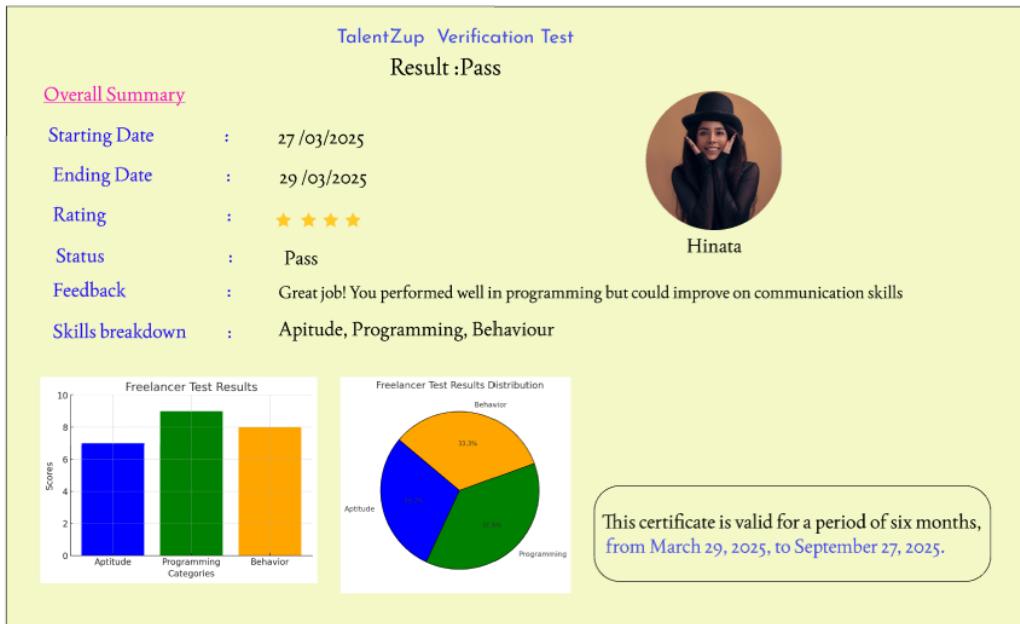


Figure 10