

## Quiz Competition Interface — User Manual

**Version:** 1.0

**Prepared by:** Rohit Kundu

**For:** Quiz Masters & Event Hosts

**Organization:** Chandrapur Kali Puja Committee

---

### 1. Overview

Welcome to the **Quiz Competition Interface** — a custom-built tool designed to help you conduct seamless quiz competitions with multiple teams, rounds, audio-video support, live scoring, and automatic ranking.

This manual explains everything you need — from setup to execution and troubleshooting.


---

### 2. Included Files & Folders

When you receive the QuizApp package, it should contain:

pgsql

CopyEdit




 QuizApp/

- └─ QuizApp.exe      ← The main quiz application (Windows executable)
- └─ config.json      ← Configuration file for teams & rounds
- └─ quiz\_questions.xlsx    ← Excel sheet with all quiz questions
- └─ media/          ← Folder for audio/video/image files
- └─ progress.json      ← Auto-generated to save quiz progress
- └─ UserManual.pdf      ← This manual

**Important:** Keep all these files in the same folder. Do not rename files unless you know what you're doing.

---

### 3. System Requirements

-  Windows 10 or higher
  -  Python is **not** required (the .exe works standalone)
  -  Default audio/video player installed (e.g., VLC, Windows Media Player)
- 

### 4. Quick Start Guide

**Step 1:** Double-click **QuizApp.exe**

**Step 2:** On the welcome screen, choose **Start Fresh** or **Load Previous Progress**

**Step 3:** Select a **Round**

**Step 4:** Select a **Question Number** — if it's an audio/video question, the media will play automatically.

**Step 5:** Click **Go To Question** (for media questions)

**Step 6:** Click **Start Timer** — countdown starts as per round settings.

**Step 7:** When time's up, click **Show Answer** to reveal the answer.

**Step 8:** Assign scores to a team by selecting **Team** and **Points**, then click **Assign Score**.

**Step 9:** Click **Back to Round** or **Back to Rounds** to continue.

**Step 10:** Use **Check Scores** to view live scores and **Show Rank** to display team rankings.

---

## 5. Configuration Details

All teams, rounds, question count, and timer settings come from **config.json**.

Example config snippet:

json

CopyEdit

```
{
  "teams": ["A", "B", "C", "D", "E", "F", "G"],
  "rounds": [
    {
      "name": "1) Literature & Mythology",
      "questions": 14,
      "time_per_question": 60
    },
    ...
  ]
}
```

- ✓ Add/remove teams by editing the teams list.
  - ✓ Control rounds, question count & timer in the rounds list.
  - ✓ Ensure round names match **exactly** with Round names in quiz\_questions.xlsx.
- 

## 6. Excel Format — quiz\_questions.xlsx

Your questions must follow this exact format:

Round	Number	Question	Answer	Type	MediaFile
1) Literature & Mythology	1	Who wrote the Ramayana?	Valmiki	text	
3) Audio & Video	1	Listen and name the singer	Arijit Singh	audio	song1.mp3
2) Googly	3	This is a tricky question	An interesting fact	text	

- **Round:** Must match exactly with config.json
- **Number:** Question number (1, 2, 3, ...)
- **Question:** The question text
- **Answer:** The correct answer
- **Type:** text, audio or video
- **MediaFile:** Only for audio or video (file must be inside media/ folder)

---

## 7. Scoring System

- Direct points: +5
- Bonus points: +2
- Scores are saved under the team & round.
- Total scores and rankings are auto-calculated.
- Click **Show Rank** to display a sorted leaderboard.

---

## 8. Saving & Resuming

- Progress is saved automatically to **progress.json** whenever you close the app.
- To continue later, just click **Load Previous Progress** on the welcome page.

---

## 9. Best Practices

- ✓ Double-check that all **media files** are inside the media/ folder.
  - ✓ Use clear, short filenames (no spaces).
  - ✓ Always test audio/video questions before the event.
  - ✓ Keep a backup copy of quiz\_questions.xlsx.
  - ✓ Do **not** manually edit progress.json.
  - ✓ Have a second laptop ready for backup, if possible.
-

## 10. Troubleshooting

**Problem:** Media doesn't play

**Solution:** Make sure your PC has a default app for that file type. Verify the file is in the media/ folder with the exact name.

**Problem:** Scores look wrong

**Solution:** Check you assigned points correctly. Use **Check Scores** anytime.

**Problem:** The app crashes

**Solution:** Ensure all filenames, config.json, and Excel have correct syntax. Restart the app. If the issue persists, contact Rohit.

---

## 11. Support

**Developer:** Rohit Kundu

**Email:** rohitkundu25453@gmail.com

**Phone:** +91-6295613375

---

## 12. License

This quiz tool is for internal event use only. Do not distribute externally without permission.

---

## 13. Good Luck!



**Have a fun, smooth, and fair quiz competition!**