**TEST CASES FOR HR-BOT**

The concept of the HR-bot is inspired from the interview process of recruitment on the basis of several skills, number of projects and experience with respect to a particular job role. The HR-bot is trained on Machine Learning model so that it can understand the different responses given by the candidates and give them points accordingly which makes the interview process very convenient to select the deserving candidates amongst many applicants. Also save them in a database for future analysis and selection.

Here are some test cases related to how the HR-bot responds to different inputs given by the user.

**TEST CASE 1 :**

(Register yourself)

**Enter Your Full Name: Sandeep Chatterjee**

**Your Email Id:** [**Sandeep.chatterjee.245@gmail.com**](mailto:Sandeep.chatterjee.245@gmail.com)

(Conversation)

**HR\_bot: Hi, I am HR-bot, Nice to meet you Sandeep**

**you: hi**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes**

**HR\_bot: Which job role you're interested in??**

**you: ML engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 3-5 years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 7-9 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: python, data preprocessing, Tensorflow, Tflearn, Pytorch**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: bye**

**HR\_bot: It was nice talking to you, Type 'exit' to close the conversation**

**you: exit**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. **)**

**Total Points - 14**

**TEST CASE 2 :**

(Register yourself)

**Enter Your Full Name: Maya Tiwari**

**Your Email Id:** [**MayaTiwari24@gmail.com**](mailto:MayaTiwari24@gmail.com)

(Conversation)

**HR\_bot: Hi, I am HR-bot, Nice to meet you Maya**

**you: nice to meet you too**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes, I’m ready.**

**HR\_bot: Which job role you're interested in??**

**you: Data scientist**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 6 years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 7-9 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: R, Data Preprocessing, Pytorch, Programming & software, Statistics, MATLAB, DBMS,SQL,tflearn,tesorflow,data visualisation**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: See you later, thanks for visiting, Type 'exit' to close the conversation**

**you: exit**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. **)**

**Total Points - 11**

**TEST CASE 3 :**

(Register yourself)

**Enter Your Full Name: Sudhir Kumar**

**Your Email Id:** [**Sudhir.Kumar.job67@gmail.com**](mailto:Sudhir.Kumar.job67@gmail.com)

(Conversation)

**HR\_bot: Hi, I am HR-bot, Nice to meet you Sudhir**

**you: Hello**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes**

**HR\_bot: Which job role you're interested in??**

**you: AI engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 3. 5+ Years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 9 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala**

**you: Data preprocessing, python, AI, programming & Software, NLP, Scala, Flask,RNN/LSTM**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: Have a nice day, type 'exit' to close the conversation.**

**you: exit**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. **)**

**Total Points - 18**

**TEST CASE 4 :**

(Register yourself)

**Enter Your Full Name: Jaydeep Bose**

**Your Email Id:** [**Bose.jaydeep845@gmail.com**](mailto:Bose.jaydeep845@gmail.com)

(Conversation)

**HR\_bot: Hi, I am HR-bot, Nice to meet you Jaydeep**

**you: hello sir**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: ready**

**HR\_bot: Which job role you're interested in??**

**you: Software Engineer**

**HR\_bot: Sorry! We're not currently open for this role.**

**you: Web developer**

**HR\_bot: Sorry! We're not currently open for this role.**

**you: Data Scientist**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: I am a Fresher**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 3 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: R, data preprocessing, DBMS, ANN, CNN, Scala, NLP**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: Have a nice day, type 'exit' to close the conversation**

**you: exit**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. **)**

**Total Points - 7**

**TEST CASE 5 :**

(Register yourself)

**Enter Your Full Name: Manali Pradhan**

**Your Email Id:** [**Manalipradhan56@yahoo.co.in**](mailto:Manalipradhan56@yahoo.co.in)

(Conversation)

**HR\_bot: Hi, I am HR-bot, Nice to meet you Manali**

**you: hi**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. Let's get started with your interview, let me know if you are ready or not?**

**you: ready**

**HR\_bot: Which job role you're interested in??**

**you: AI engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 2 years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 7 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala**

**you: python, DBMS,programing & softwre, scala, Django, Deployment on AWS, SQL, Microsoft excel**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: Thanks for visiting, Type 'exit' to close the conversation**

**you: exit**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. **)**

**Total Points - 14**

**Conclusion :** The HR-bot is yet to reach to the perfection , still it performs quite well to rank the candidates based on their conversation thus making the selection very quick for the company.