

Building AI Chatbot for HRIS

Project Description: To develop a chatbot to be integrated with HRIS application (all platforms) and any third party software which should have standard APIs readily available for integration with any other software (of any type) as and when required.

Story: User should be able to get a response from the chatbot based on user query as per data restrictions and access rights. If the user wants to view their current leave balance, after typing, 'show my current leave balance,' the system should show the leave balance information.

Text Field and Voice- Users will apply queries like (Check for leave status, Fetch latest payslip, Apply for reimbursement).

Overview and Conditions:

ApHusys is a cloud-based HRIS application which can be accessed on the web and the mobile . It has three major roles- HR, Reporting Manager, and Employee with different access rights. The menu item and data visibility is based on the access rights and roles provided.

The requirement is to develop an AI-based advanced chatbot that will be part of ApHusys web and mobile app. This chatbot should be flexible enough to be integrated with any third party software and with readily available APIs to integrate with any type of software.

The chatbot should be able to understand and support voice/text/NLP based commands or queries as input and display the relevant information, records or menus as output based on the input received.

Also, it should allow the admin user to pre-configure a set of items (questionnaire & responses) and be able to provide users with relevant information, impact and trend analysis.

The output should have restrictions based on the access rights of the user, instance and configuration as it has been done in the master software or software with which this chatbot is integrated. It should adhere to all the security protocols as per the master software or software with which this chatbot is integrated.

Tools & Technologies

You are free to use any available tools for research and implementation. We expect the final presentation with workflow to be in a PowerPoint or Google presentation along with a process chart.

Resources and References:

www.aphusys.com