



MAHATMA EDUCATION SOCIETY'S
PILLAI GROUP OF INSTITUTIONS

Alegria hackathon 2021

VIRTUAL HACKATHON

Software Edition

(3,4 March 2021)

PROBLEM STATEMENT

In these Covid times help a company perform the joining formalities of a New Employee digitally. Imagine a small firm which cannot afford to have expensive subscriptions to HR Softwares like Workday and so on.... For such firms having inhouse softwares to facilitate hiring digitally will help them to avoid traditional physical joining formalities.

Use up all the freely available/ open source resources to help in such a scenario to build a system which can be mobile or web application.

The whole journey must be centralized and cover up the below mentioned points

1. A department sends in a request to HR with the Job Details
2. HR post the job details over the company website
3. HR starts receiving the job request from the people over mail or through job application form
4. HR work of categorizing CV of job seekers can be automated using AI
5. HR shortlist certain application and data from CV is automatically extracted and stored
6. HR then starts scheduling interviews
7. Relevant people will conduct the interviews and submit feedback of candidates
8. HR sending Letter of Intent to selected candidates (inclusive of negotiation of salary structure)
9. Employee sending a Yes or No (If yes, then close the vacancy else start scheduling more interviews)
10. If Yes, perform the KYC kind document collection, get all the relevant forms filled digitally
11. HR generates the empID and sends the joining kit remotely at the employees home address



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