Leuphana University Lüneburg

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Academic: Sarah Haq

JOBWAVE

A part-time job application

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1 Introduction

Most students search for variety and flexibility in their work life. Especially during university days, it gets difficult to arrange a weekly calendar, where students can attend all their courses and manage to get some income through a part-time job on the side. Statistics show that around 75% of students nowadays in Germany have a part-time job (Erudera News, 2020). While many work in tutoring or retail, there are around 11 % who work in service industries like catering. Catering and other service jobs do not need a vocational training and therefore can be taught to newcomers quite easily.

Employers, on the other hand are looking for cheap and flexible labor, as well as people who can multi-task and act responsibly. They are met with an increasing supply of university students who are looking into the part-time market and are having to work due to financial necessity (Curtis & Lucas, 2001) as housing prices in many cities in Germany are ever more increasing (I am Expat 2022). For a lot of students, it's a way of experiencing the workforce and gaining valuable skills for their future work life (The Learning Network, 2022).

Therefore, JOBWAVE will be the perfect website for students who are looking for new different part-time jobs from week to week. They can fill in for sick employees or employees who are on vacation but do not have to make a long-term commitment to a company or shop. If they liked an employer they can decide to come back and maybe work there permanently or, if they were not as content with their employer, they do not have to come back since they did not sign a permanent contract and have therefore gained a valuable experience. Because even knowing what kind of job you like, and what you don't like can be a helpful tool in the future.

JOBWAVE targets specifically organizations and places, where they have a short-term demand, for example, if workers get sick and the employer needs a student to take over the shift for a few days. The focus therefore lies on jobs in the catering and service industry. While performance is dependent on the level of experience, it's fairly easy to understand and acquired skills can be easily transferred to other similar jobs in the industry.

With JOBWAVE you have easy access to employers in your area, can manage your time schedule accordingly, and experience flexibility and variety every day while also getting an experience in the workforce first-hand.

2 Methodology

When approaching this project, I looked at my prototype from Tech Basics 1. I also worked in the evaluation of this project and the evaluation I got from the pitch of December 2023. After entering the page through a button, I wanted to make it more secure and installed a login page in lines 187 – 230 with the help of this GitHub https://github.com/codefirstio/Tkinter-login-form/blob/main/main.py. To create the 'Our service', the 'New Jobs', 'Previous Jobs' and 'News' sites, I used the knowledge I gained in both Tech Basics 1 and Tech Basics 2. To represent the job postings of companies, I created basic text labels to represent the pieces of information that would be posted there. I added a 'Add to my Calendar' Button i.e. line 474 - 479, so that the user could be redirected to the 'Calendar' page.

For the 'Calendar' in lines 6-120 I used code from this website https://www.w3resource.com/python-exercises/tkinter/python-tkinter-file-operations-and-integration-exercise-7.php . I changed some things in there to use it for my GUI but used this one as a reference.

3 Design

I decided to focus on a quite simple design with blue, dark blue and beige backgrounds and some icons. I tried to make a simple design so that the users would have a good overview, of where everything is situated. The 'OUR SERVICES' page is ordered by what I believe would be most important for the user to see. The 'NEW JOBS' page is divided in three main categories, for the user to be able to decide whether they would need a job this week or within the next month. The calendar page has a logical design with two columns, in which the user can put in their information and save it in the list. An important feature, I wanted to include a button to redirect the user to other pages. This can be seen on the 'JOB' pages, i.e. 'Waiter/Waitress', 'Cook'' and 'Event helper'. There you have an 'Add to my Calendar' Button, where the user is redirected to the Calendar page.

4 Limitations

For the website to be a success, there would need to be a lot of companies which would post their job listings there. While I am certain that these jobs are available and are needed, in order for JOBWAVE to be a success, companies would need to post their job listings on there. While it would also heavily depend on the number of employees, that would apply for these positions,

I am quite certain that there are a lot of students out there, who would benefit from such a system and would gladly use an app which allows them to create their own work schedules. This is very much beyond the GUIs current possibilities, as well as the fact that the app would need a database, where part-time work options could be posted, refreshed, and archived.

5 Conclusion

JOBWAVE's primary goal is to create a space for both employers and employees to feel welcome, needed and organized. While employers will have the benefits of quickly filling somebody in, during a period when they are needed, for Students, the benefits they will get are that they will be able to investigate different fields of work, which will be able to help them build their social and practical skills but will help them find their boundaries when working for an employer.

While the website would need support from both employers and employees to work, I do believe I could have a great success, if the platform would be filled with users who are searching and actually want to do the work and companies which do need the workforce.

6 Bibliography

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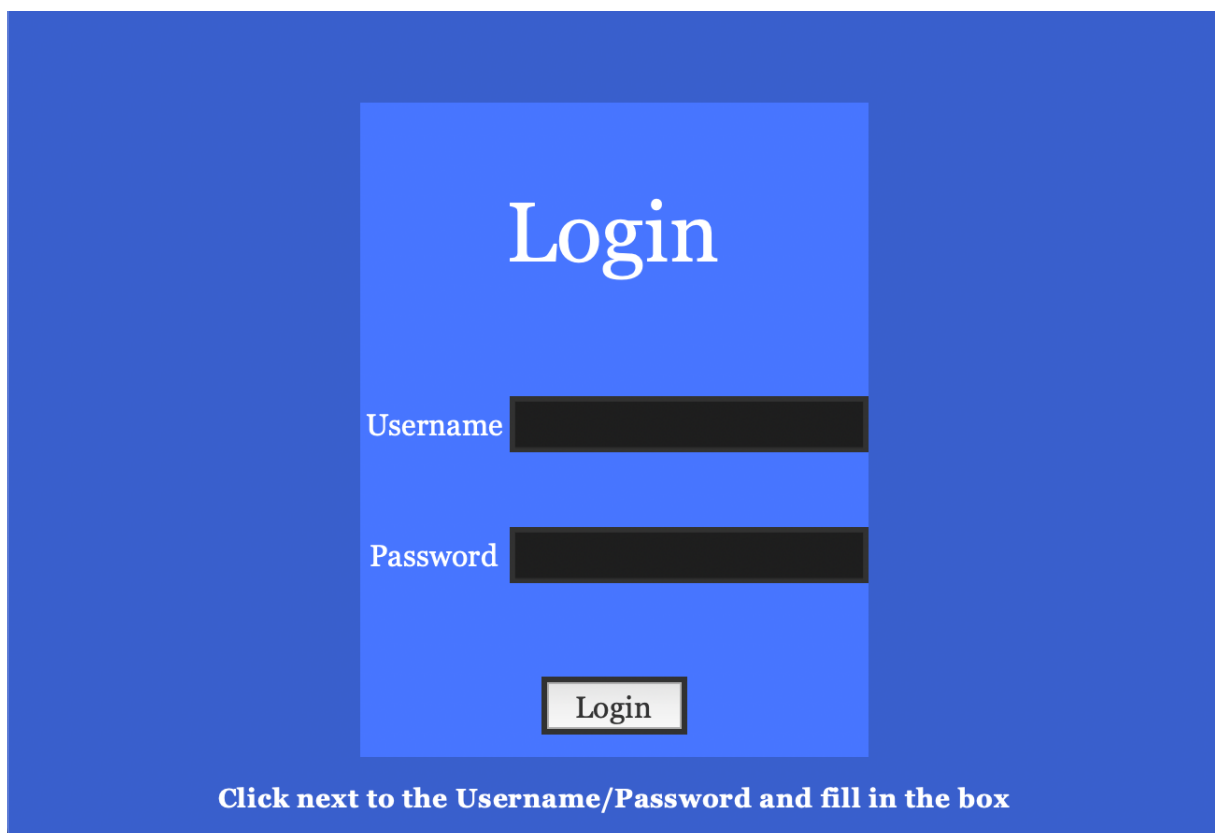
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7 Screenshots

You successfully logged in.

OK

OUR SERVICES

NEW JOBS

PREVIOUS JOBS

CALENDAR

NEWS

NEW JOBS

WITHIN THIS WEEK

WITHIN NEXT WEEK

WITHIN NEXT MONTH

Waiter/Waitress

Eventhelper

Cook

Back

Waiter/Waitress

01/06/2024 11AM - 5PM

Place = Am Sande, Lüneburg, 21335, Germany

Pay = 12 €/h

Add to my Calendar

Back

Calendar

Add or Edit a job in your calendar to keep track

Add/Edit Appointment

Date:

Appointment:

Add/Edit

Calendar

Back

PREVIOUS JOBS

Here you can find all needed documents of yours. As well as all the previous jobs you did.

Barkeeper

Back

Barkeeper

18/06/2024 9PM - 5AM

Place = Rotes Feld, Lüneburg, 21335, Germany

Pay = 15 €/h

You completed this job.
After a review from the management team you will be paid at the end of the month.

Completed

Back

NEWS

Here you will be able to see all upcoming news ordered by date.

Currently no news

Back

8 Affidavit

I declare that the submitted academic report has been written independently and no sources or aids other than those indicated have been used. All contents taken from the works of third parties or (my own work) which have been taken verbatim or in spirit from other sources have been marked as such appropriately and the respective source of the information has been clearly identified with precise bibliographical references. I have not submitted this paper before to an examining authority either in Germany or abroad.

-- , 30.06.2024

(Signature, Date)