Summer Training - ICS399

Software Engineer at Mawqoot

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جامعة الملك فهد للبترول والمعادن
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About Me

About me :)

I'm Ammar Alfaifi, senior student. Some work I've done

- Double major in Physics and Computer science.
- Simulation and physics numerical solutions.
- ML and AI models: Weather status predictor. Repo
- Worked on many `djagno` projects, GraphQL/REST API Petroly.co

Company and Product

Info about the company and its main product

Mawqoot and Its Company

Company Info

Vision: Our vision is to be at the forefront of pioneering technological advancements. We harness modern technologies to serve various sectors, making them accessible to all

- Sanim Information Technology.
- located in the Dhahran Techno Valley at KFUPM.

Company's Main Product

Mawqoot

- Mawqoot presents a cloud-based solution redefining personnel management.
- Fusion of mobile apps and a web platform for overseeing attendance, leave, and payroll.
- Streamlines operations by replacing paper records and spreadsheets.
- Empowers employees with self-service capabilities.

Attendance Management

- Core: Robust attendance management.
- Tracks daily attendance, identifies tardiness, departures, and absences.
- App features: Location tracking, biometric verification.
- Access to attendance timesheet for corrections.

Compliance and Performance

- Automated system detects employee infractions, enforces penalties.
- Enhances compliance, provides insights for decisions.

Leave and Payroll Management

- Revolutionizes leave and payroll procedures.
- Simplifies leave requests, payroll generation; eliminates paper workflows.
- Employees request leave, access annual leave balance.
- System deducts leave from salaries, managers approve requests.
- Administrators generate detailed payrolls, comprehensive payslips.

Mawqoot inteface

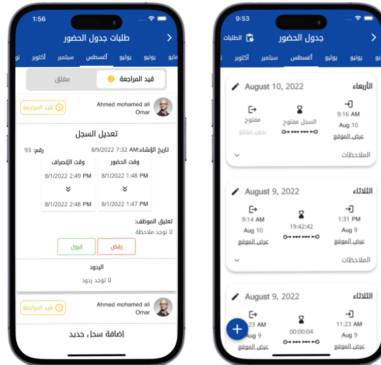**Figure 1:** The Mawqoot main site, showing the UI.

Mawqoot inteface

Figure 2: A show case for the mobile app.

Work Experience

Projects and features I worked on during my trainging.

Request Petition Feature

Loan Feature

Conclusion

In conclusion, coherent states are special types of quantum states which have several useful properties and applications. They are widely used in quantum physics, quantum optics, and quantum information.

Thank you for listening!