

Data Science And Analytics project



ZIDIO
DEVELOPMENT

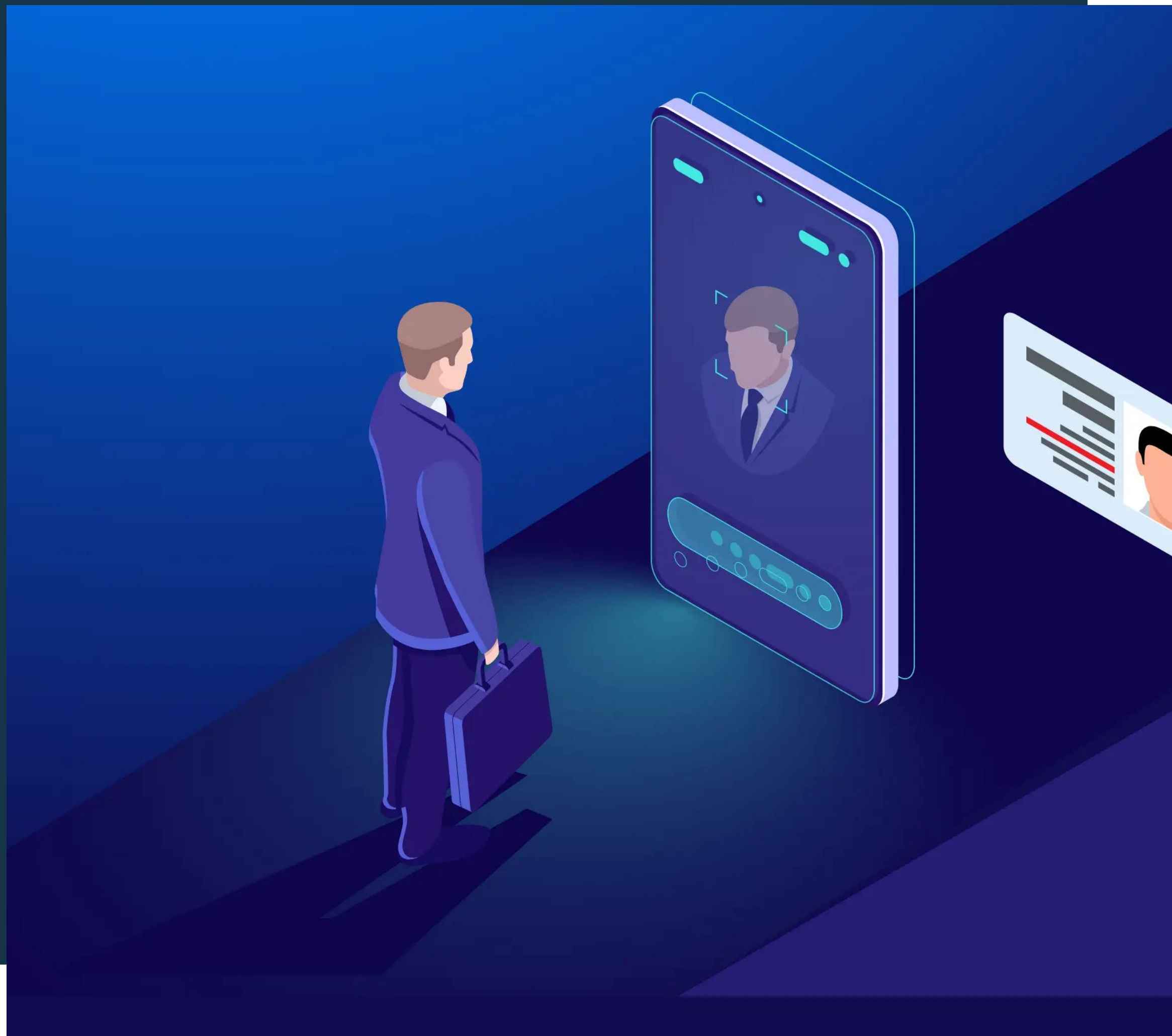


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1.Zidio Face Punching System

Description :

The Zidio Face Punching System is an advanced facial recognition-based employee attendance system that not only streamlines attendance tracking but also offers insightful data analysis to improve workforce management. It provides a contactless, secure, and real-time solution for employee attendance while integrating data analytics to drive performance insights and productivity trends.



Feature Examples :

1. Facial Recognition Check-In/Out

- Employees clock in and out using facial recognition, ensuring a seamless, contactless process

2. Real-Time Attendance Logging

- Automatically log employee check-in and check-out times, with real-time updates to a central database

3. Attendance Reports

- Generate customizable daily, weekly, and monthly attendance reports that summarize work hours, late arrivals, and early departures

4. Face Spoof Detection

- Advanced security algorithms detect and prevent any attempts to spoof the system using photos or videos

5. Shift & Overtime Tracking

- Keep track of shifts and calculate overtime for accurate payroll processing

6. Data Analysis & Insights

- Analyze work patterns, such as average hours worked, absenteeism trends, and late arrival statistics
- Provide visual insights into attendance trends with graphs, heatmaps, and charts