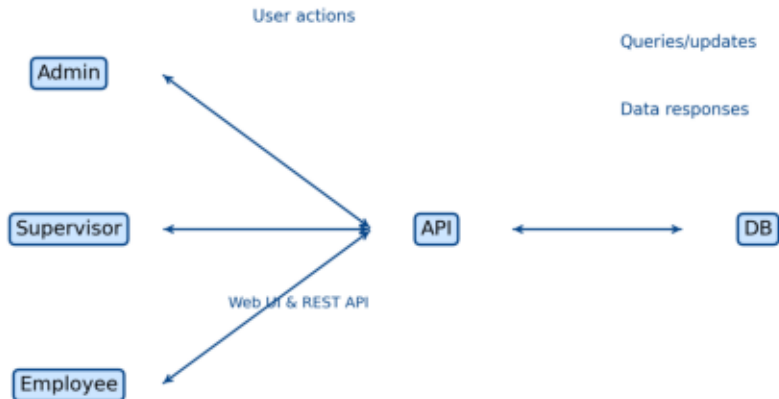


Data Flow Diagram



Risk Table

Risk	Probability	Impact	Mitigation
Data loss due to container removal	Medium	High	Use MongoDB volume to persist data
Unauthorized access	Medium	High	Enforce authentication and hash passwords
Lack of user input validation	Medium	Medium	Validate form fields and types
Service downtime	Low	Medium	Deploy via Docker Compose for easy restart
Concurrency conflicts	Low	Medium	Use atomic MongoDB updates (e.g. \$inc)
Late delivery	Medium	Medium	Follow the Gantt schedule and monitor progress
Incomplete documentation	Medium	Low	Allocate time for README and diagrams

Proposed Gantt Chart

