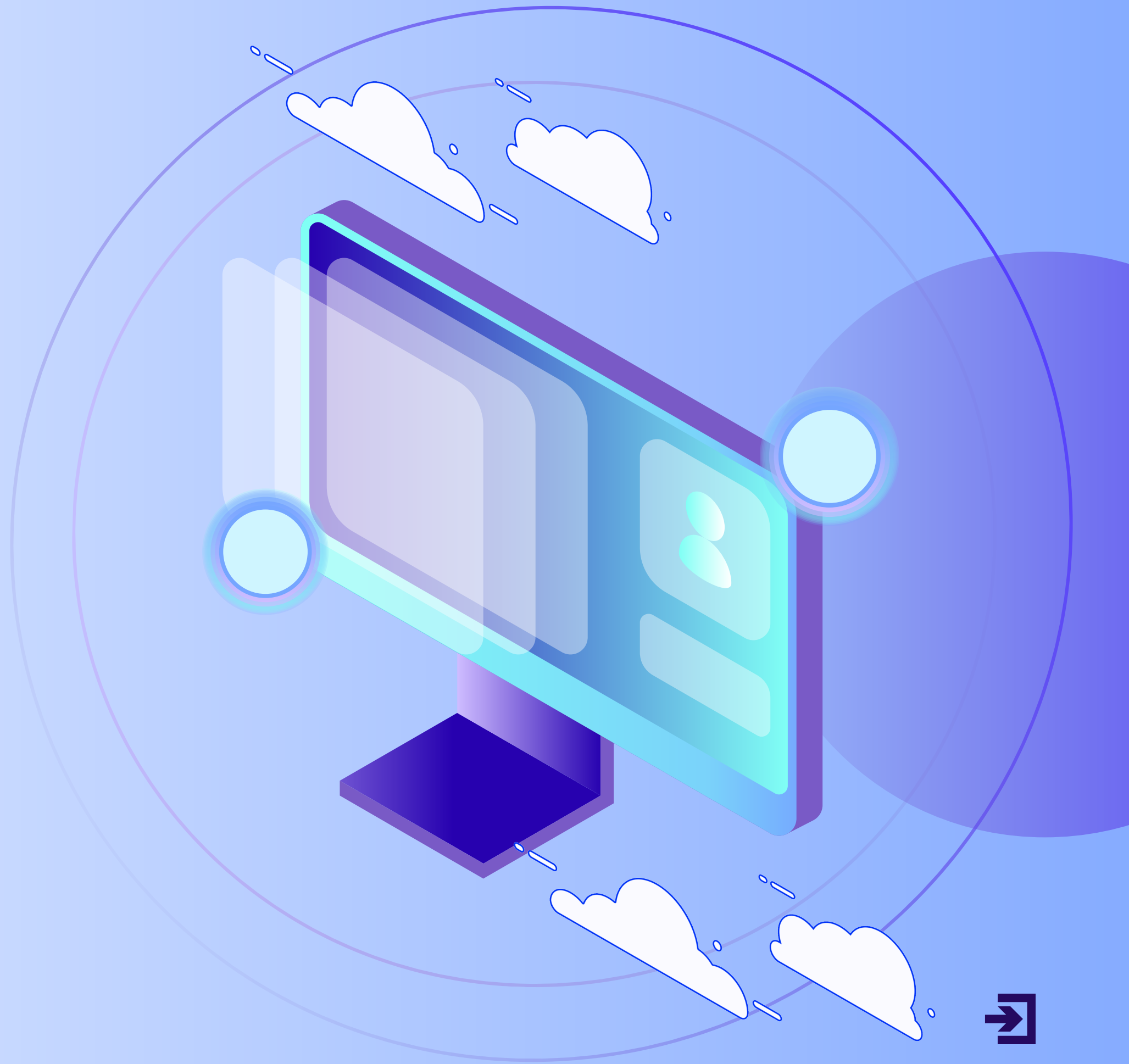# CINEMA & THEATER SYSTEM

CINEMA AND THEATER SYSTEM

- Our system provides a swift process in booking movies with private user accounts

- The system allows admin to update and add movies through their own accounts

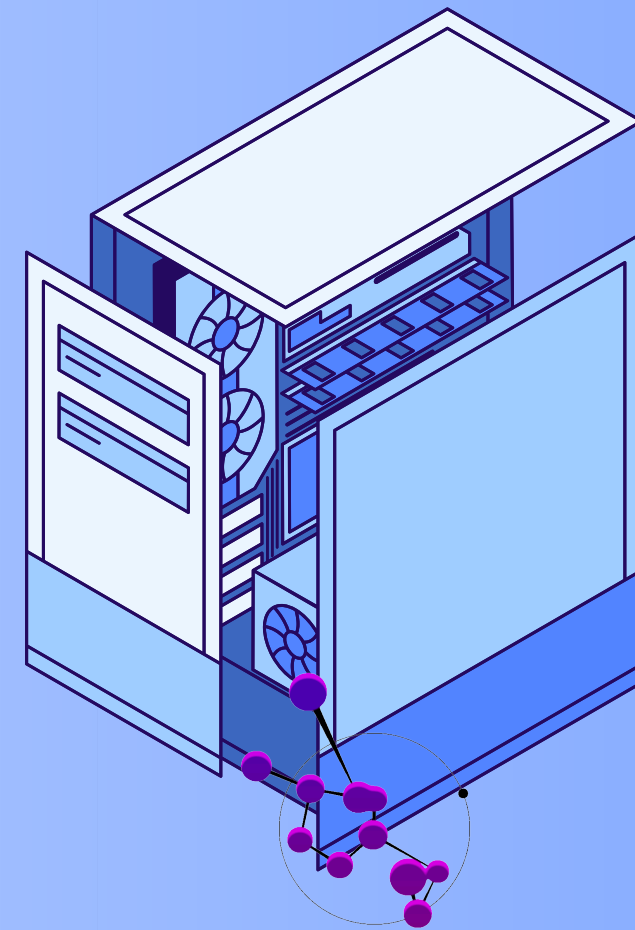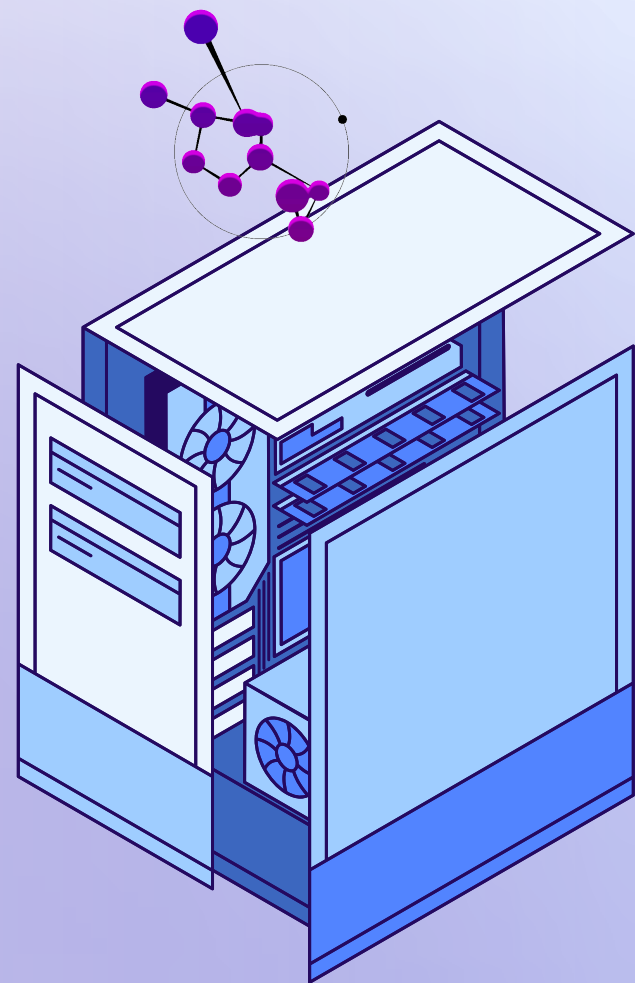- The system Ensures secure storage of passwords using SHA-256 hashing.

DEMO

CHALLENGES

- connecting between the database and back end

- Ensure that all database infrastructure and foreign key relationships between tables are considered when performing any operation, not just the tables directly involved in the operation

- The libraries having dependences within each other

RISK PLAN

Risk	Likelihood	Effect	Mitigation Plan
1.Delays in project timeline	Medium	Key functionalities may not be ready in time for testing or launch.	Create a detailed project schedule with milestones and regular progress reviews.
2. Incomplete or ambiguous requirements	High	Development and testing may not align, leading to missed functionality or defects.	Conduct requirement walkthroughs with all stakeholders to clarify ambiguities.
3.Payment gateway failures	Medium	Failed payments may lead to loss of bookings and user dissatisfaction.	Use a reliable payment API, and add retry mechanisms for failed transactions.
4. Poor communication among stakeholders	Low	Misunderstandings may lead to rework and reduced team efficiency.	Schedule regular team meetings and use effective collaboration tools.
5. Poor performance under high traffic	Medium	Slow response times or crashes during peak usage, such as ticket sales.	Optimize the system for scalability and conduct load testing.