**16\_Assumptions\_And\_Dependencies.docx**

* **Business Assumptions**
* Product Owner will provide all user story clarifications before Sprint 1.
* MVP scope includes only the 4 core user stories outlined in the challenge.
* User data and authentication use Cognito only; no external SSO needed at MVP.
* Budget and resource constraints allow use of all AWS managed services.
* **Technical Assumptions**
* Developers have access to AWS Workspaces preloaded with tooling.
* PostgreSQL schema will follow the same structure as SQLite provided.
* CI/CD pipeline permissions (IAM roles) will be in place from day 1.
* API Gateway configuration will support JWT token validation via Cognito.
* **Dependencies**

| **Dependency** | **Description** | **Owner** |
| --- | --- | --- |
| Cognito User Pool Configuration | Needs to be created and shared with API for JWT validation | DevOps / Security |
| RDS Postgres Instance | Required for movie/ratings data | DevOps |
| ECS Cluster and Task Role | Needed to deploy Movie API with proper IAM access | DevOps |
| Secrets in AWS Secrets Manager | DB credentials, JWT secrets, etc. | Security / DevOps |
| VPC and Subnet Configuration | For ECS + RDS deployment | Infrastructure Team |
| Logging and Monitoring Policy | IAM roles and CloudWatch policies | DevOps |
| API Gateway Route Configuration | Proper routes and JWT authorizer | Dev Team / DevOps |