Charter/Spectrum Back-End Code Challenge

Welcome! Thank you for taking our code challenge. We hope you enjoy this exercise.

You will be required to create a REST API using Node.js and PostgreSQL. You will need to seed the database from the data provided and expose REST APIs with some specific filtering requirements.

IMPORTANT: **This should be delivered as a PRIVATE GitHub repository with access to these users:**
- graysmith00, eugeneheo, jacobogart, alia-peterson, rossprehn

Source Data:
- Provided in additional JSON files

Requirements:
- REST API using **Node / Express API** with **PostgreSQL** Database
- README with clear instructions on how to run and use the application
- Seed script that seeds the PostgreSQL Database with the provided data
- Database should have at least 3 tables
- CRUD APIs for each entity
- GET Shows and filter by Network (ex: /shows?network_id=1)
- GET Shows and filter by Package (ex: /shows?package_id=1)
- GET Package by ID should also provide all Networks included in that Package (ex: /packages/:id)

What we are looking for:
- Normalized database design
- Well organized file structure
- Using TypeScript is highly encouraged
- Descriptive naming conventions
- DRY code that is readable and production ready
- Full Git history with atomic commits
- Readme has clear instructions, description/diagram of database structure, API documentation

Stretch goals:
- Swagger documentation
- Unit tests
- Deployed API
- CI / CD
- Authentication
- Feel free to get creative with additional features!