

HDip. In Computer Science (Online)

Module: ICT Skills 2

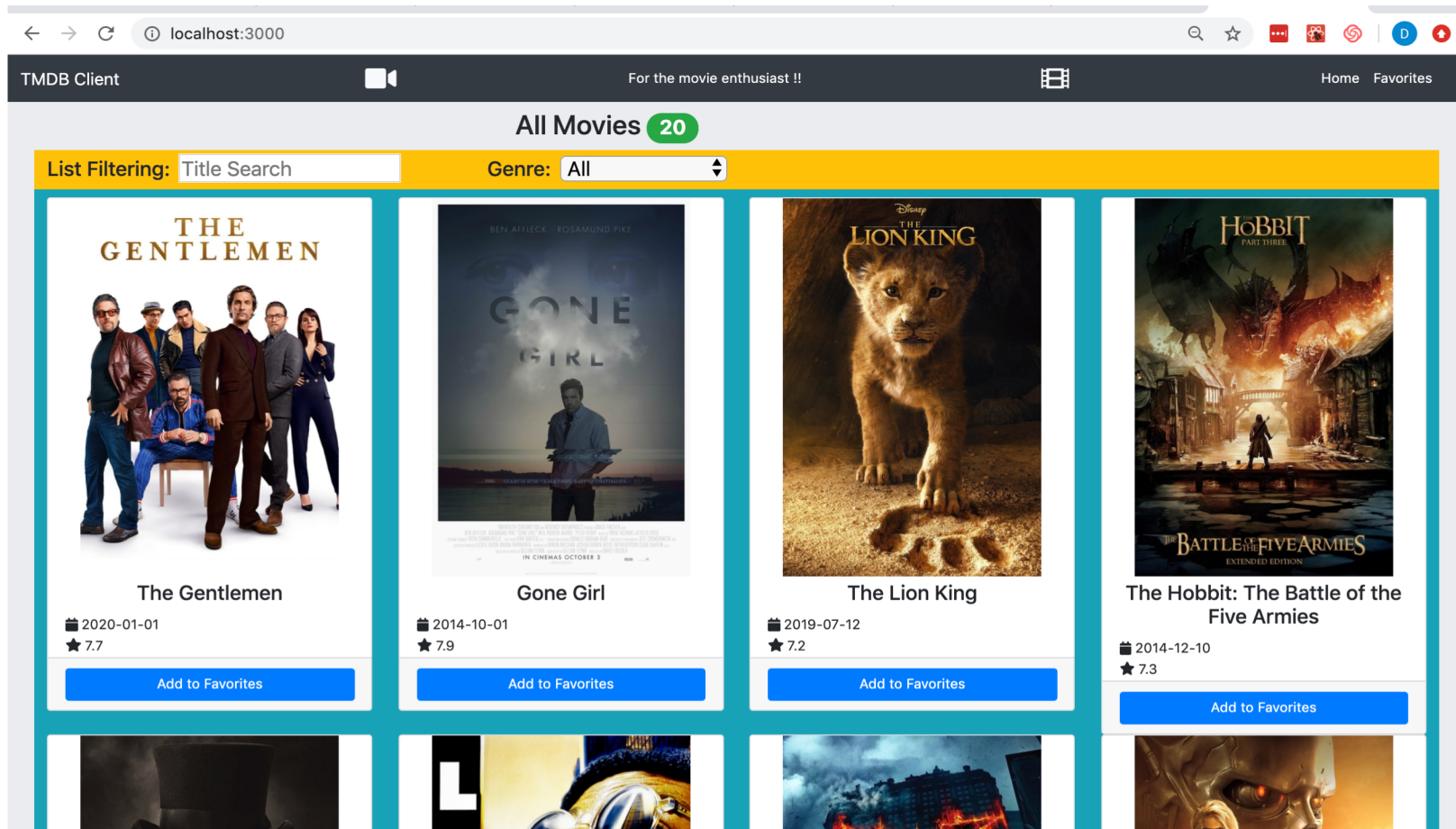
Assessment.

Assessment

- **100% CA**
 - 1. Lab work – 40%**
 - **Due: 2/3 weeks after the last lecture.**
 - 2. Assignment – 60%**
 - **Due: ?**
- **Git repository log essential in both cases**

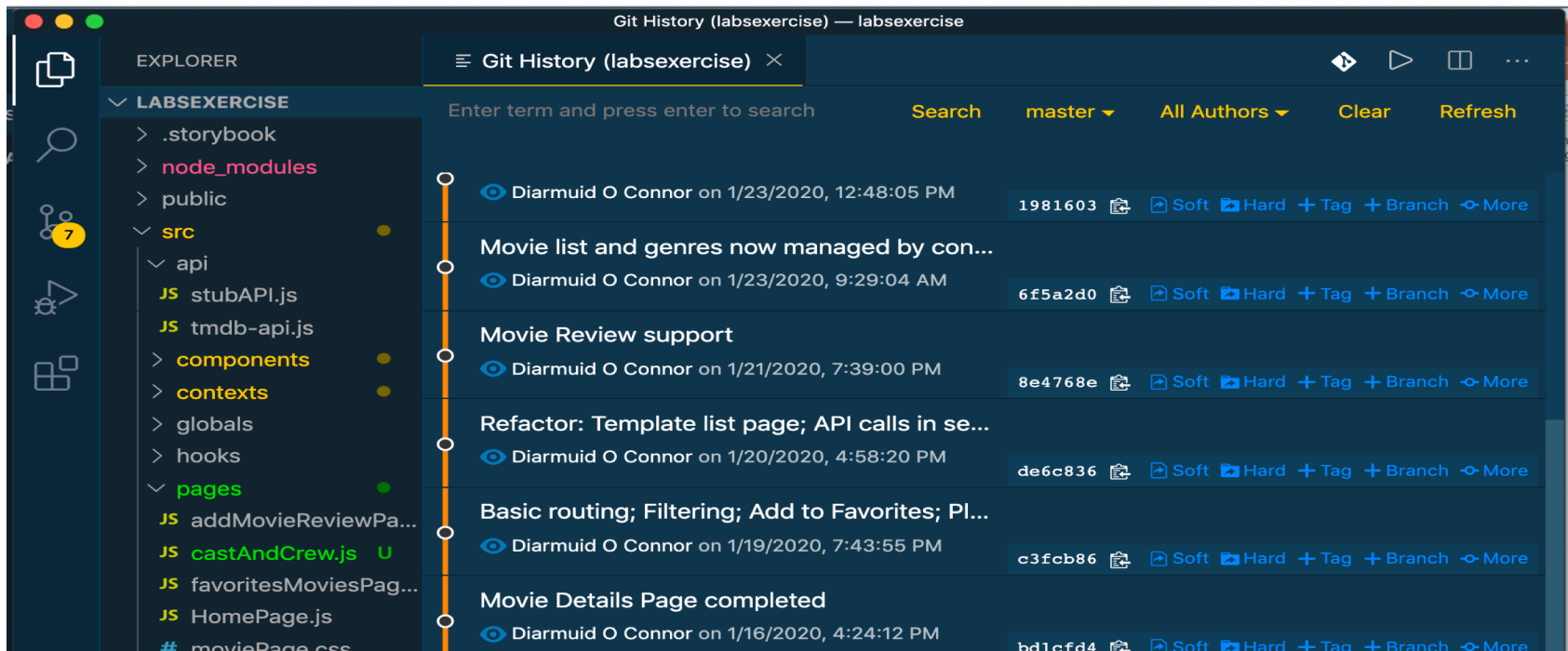
Lab work (From lecture 2 to the end)

- The Movies Fan App



Lab work.

- Follow the development steps prescribed.
- Use Git exactly as specified, e.g. commit messages
- Assessment criteria:
 - Git Log; Rollback



Assignment

- **Demonstrate your knowledge of designing and developing in React.**
- **Options:**
 1. **Extend the functionality of the Movies Fan app.**
 2. **Develop a React version of (part of) the client for the POI application from the Enterprise Web module.**
 3. **Develop a React app for a context of your choice (using an Open API).**
- **Maintain a Git log throughout**

Assignment

- **Server-side:**
 - **Stub API (lower weighting), e.g. Hacker News app**
 - **JSON server (supports CRUD)**
 - **API from POI application**
 - **Open API**
- **Features:**
 - **Component library (Storybook)**
 - **Stateful and Stateless Component mix.**
 - **App design (Component hierarchy)**
 - **Interactive and dynamic behavior.**
 - **Routing, including parameterized URLs**
 - **End to End testing**

- Good (40-55%)
 - Basic routing; interactive, dynamic behaviour
 - Some component stories
- Excellent (56-75%)
 - Routing, including Parameterized URL; Authentication; Some E2E testing
- Outstanding (75%+)
 - Independent learning