



**Knight Foundation
School of Computing
and Information Sciences**

FIU – Knight Foundation School of Computing and Information Sciences

Spring 2024 Senior Design Project

BackLogger

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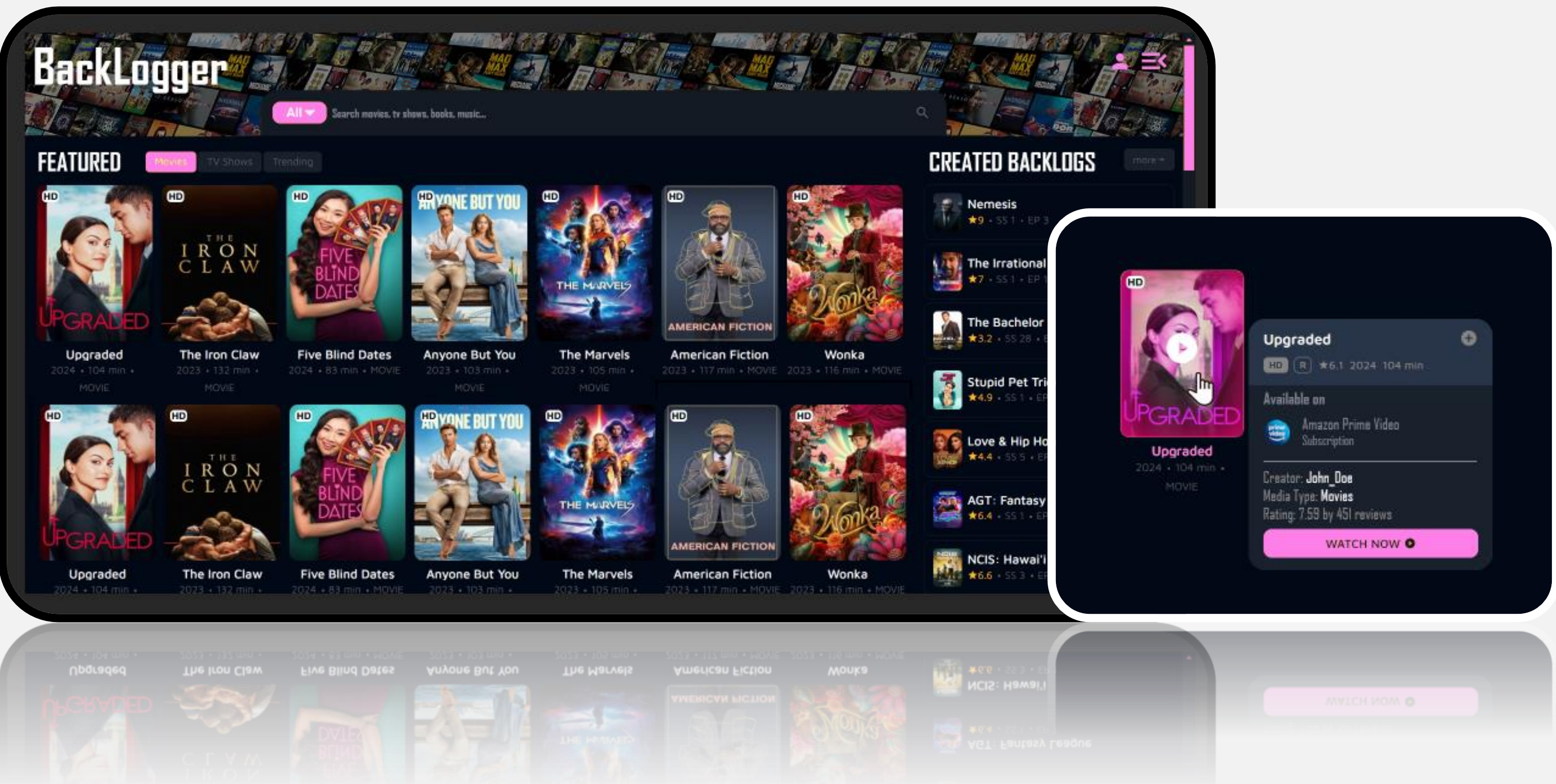


Streamlining Media Enjoyment

Amidst a vast array of content options, users frequently struggle to navigate through the abundance, often spending more time deliberating than immersing themselves in their media.

BackLogger tackles the challenge of content overload by providing a unified, structured platform for monitoring and handling various media collections. This application enhances the user's experience by streamlining their interaction with media, making decisions easier and allowing more time for enjoying beloved content.

Mock-ups Created



Front-end Pages Created



BackLogger's Flexible Approach

Traditional media tracking tools typically confine users to specific categories or genres, employing a uniform approach that doesn't cater to everyone.

BackLogger diverges from this model, providing a flexible platform that embraces all types of media enthusiasts.

BackLogger's Functions

The essential functionalities of BackLogger include:

1. Creation and management of user accounts
2. Interface for creating, editing, and deleting lists
3. Progress tracking features for media items
4. Search capabilities
5. List import/export options

My Role

As a front-end team member of BackLogger, I began by crafting mock-ups using my proficiency in Adobe Photoshop, aiming to establish a solid groundwork for the development phase.

Upon completing designs for the main, backlog, and profile pages, I was tasked with handling the front-end development of the sign-in/sign-up and profile pages.

Collaborating closely with the back-end team, we coordinated on integrating account creation functionality to align seamlessly with the pages I worked on.

Implementation: Agile Development Methodology

- **Sprint Execution & Front-end Development:** As a front-end team member, I led the design phase using Adobe Photoshop and then implemented front-end development for key pages.
- **Daily Scrum Meetings & Collaboration:** I actively participated in daily scrum meetings, collaborating closely with the back-end team to seamlessly integrate account creation functionality with my designs.
- **Backlog Management & UI/UX Implementation:** Played a role in ensuring our backlog accurately reflected the project's evolving needs and implemented some user feedback to enhance the UI/UX.
- **Sprint Reviews & Launch Readiness:** Contributed to sprint reviews, ensuring continuous improvement, and collaborated on launch preparations for BackLogger's successful release.



Efficient Tech Selection for Development

To streamline our development process, we selected technologies based on our team's expertise. Rather than adopting a framework, we pursued a direct implementation of HTML, CSS, and JavaScript for the frontend.

We chose Node.js and Express.js to align coding languages between the frontend and backend, and MongoDB due to our team's familiarity with it. This deliberate simplicity establishes a foundation for future enhancements and contributions.



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