



NAME: ScreenBuddy

DATE: June 2, 2025 11:34 AM


DESCRIPTION OF TECHNOLOGY

ScreenBuddy is a full-stack movie booking system that allows users to browse movies, select seats, and make real-time bookings. It features a React frontend, a Spring Boot backend, and supports live updates, user authentication, and theater-managed movie listings.




HUMAN VALUES

Each user has a profile and booking history, shaping their behavior over time (e.g., preferred genres, timing).

TRANSPARENCY


Yes. Booking logic and status are clearly shown. No business model is a school project.

IMPACT ON SOCIETY


Booking movie tickets can be frustrating due to unreliable seat selection, lack of real-time updates, and poor user personalization. Theater employees often struggle to manage updates efficiently, and users don't always get notified of booking changes or new showings. These small annoyances stack up and affect the overall experience.

STAKEHOLDERS


- Users
- Theater Employees

SUSTAINABILITY


Very low. Cloud hosting planned with efficient services.

HATEFUL AND CRIMINAL ACTORS


If unprotected, someone could manipulate bookings or access customer info. Fake accounts could be used to hold seats unfairly.

DATA


Yes, biased or incomplete data (e.g., booking trends) could mislead. I'll analyze data transparently.

FUTURE

ScreenBuddy could become a go-to for indie theaters or even link with payment providers and local cinema chains.

PRIVACY

Yes, names, emails, and booking history.

INCLUSIVITY

None intended, but language or location-specific defaults might be a barrier.

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University of Applied Sciences






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IMPACT ON SOCIETY



What is exactly the problem? Is it really a problem? Are you sure?

Can you exactly define what the challenge is? What problem (what 'pain') does this technology want to solve? Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? Is it really a problem? For who? Will solving the problem make the world better? Are you sure? The problem definition will help you to determine...


HATEFUL AND CRIMINAL ACTORS



In which way can the technology be used to break the law or avoid the consequences of breaking the law?

Can you imagine ways that the technology can or will be used to break the law? Think about invading someone's privacy. Spying. Hurting people. Harassment. Steal things. Fraud/identity theft and so on. Or will people use the technology to avoid facing the consequences of breaking the law (using trackers to evade speed radars or using bitcoins to launder...


PRIVACY



Does the technology register personal data? If yes, what personal data?

If this technology registers personal data you have to be aware of privacy legislation and the concept of privacy. Think hard about this question. Remember: personal data can be interpreted in a broad way. Maybe this technology does not collect personal data, but can be used to assemble personal data. If the technology collects special personal data (like...

HUMAN VALUES




How is the identity of the (intended) users affected by the technology?

To help you answer this question think about sub questions like:

- If two friends use your product, how could it enhance or detract from their relationship?
- Does your product create new ways for people to interact?...

STAKEHOLDERS




Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by...

When thinking about the stakeholders, the most obvious one are of course the intended users, so start there. Next, list the stakeholders that are directly affected. Listing the users and directly affected stakeholders also gives an impression of the intended context of the technology.

...

DATA




Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into...

There are fundamental issues with data. For example:

- Data is always subjective;
- Data collections are never complete;
- Correlation and causation are tricky concepts;
- Data collections are often biased;...


INCLUSIVITY



Does this technology have a built-in bias?

Do a brainstorm. Can you find a built-in bias in this technology? Maybe because of the way the data was collected, either by personal bias, historical bias, political bias or a lack of diversity in the people responsible for the design of the technology? How do you know this is not the case? Be critical. Be aware of your own biases....


TRANSPARENCY



Is it explained to the users/stakeholders how the technology works and how the business model works?

- Is it easy for users to find out how the technology works?
- Can a user understand or find out why your technology behaves in a certain way?
- Are the goals explained?
- Is the idea of the technology explained?
- Is the technology company transparent about the way their...


SUSTAINABILITY



In what way is the direct and indirect energy use of this technology taken into account?

One of the most prominent impacts on sustainability is energy efficiency. Consider what service you want this technology to provide and how this could be achieved with a minimal use of energy. Are improvements possible?

FUTURE



What could possibly happen with this technology in the future?

Discuss this quickly and note your first thoughts here. Think about what happens when 100 million people use your product. How could communities, habits and norms change?

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