GeekBooks Context: Customizable Briefings

© Scaled Agile, Inc.

Simulation: Business context

Presented by the Executive

GEEKBOOKS

At GeekBooks, we provide technology professionals with a richer experience over brick-and-mortar bookstores and online competitors by creating immersive experiences far beyond shopping.

Unlike Amazon and other competitors, we provide community-building social experiences like book club chats, coding dojos, and communities of practice in an inspiring incubation environment, encouraging hackathons and prototyping.

We have an investor demo in five weeks to secure our second-round funding. This event is critical for our growth!

The goal for the first PI is to get the foundational store functionality out of the way. That will allow us to build confidence and trust with the investors. Then, in the subsequent PIs, realize the Features that will differentiate us on the market.

© Scaled Agile, Inc.

Simulation: Business context – SWOT

Presented by the Executive

STRENGTHS

The best software engineers
Adopting SAFe
Co-located
Great strategy

WEAKNESSES

Difficulties finding qualified FTEs in DevOps
No System Team in place

S W O T

OPPORTUNITIES

Develop new online social experiences
Develop product offerings beyond books
Build an advertising model

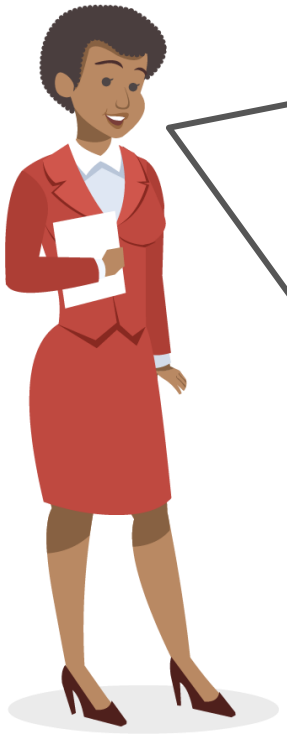
THREATS

Amazon has clear dominance
LinkedIn tech communities continue to grow

© Scaled Agile, Inc.

Simulation: Vision – Online bookstore

Presented by the Product Manager



Our program vision is to provide technology professionals with a richer experience than brick-and-mortar bookstores and online competitors by creating immersive experiences far beyond shopping.

We will leverage industry best practices and Features such as those offered by Amazon. This includes:

- Tailoring our bookstore specifically to technology professionals
- Have the easiest, fastest, and best online bookstore purchasing experience
- Books in both electronic and print form
- Start in US and expand into the global market
- Support multiple languages
- Support online communities of practice (book club chats, coding dojos, etc.)
- Sell items other than books to students

Remember: The investor demo is in five weeks!

© Scaled Agile, Inc.

Simulation: Features

Presented by the Product Manager

Priority	Feature
1	Flexible Search
2	Shopping Cart
3	Purchase by Credit Card
4	Shipping Method Selection
5	Profile Management
6	Book Detail
7	Book List Sorting
8	Book Browsing
9	Book Rating
10	Commenting

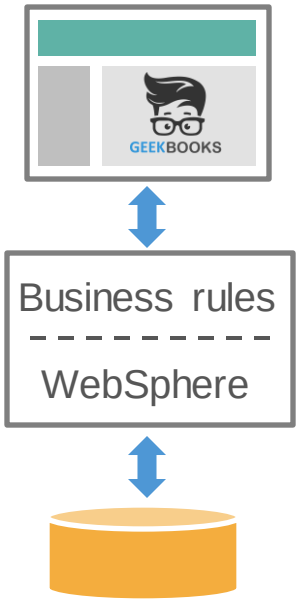
You have a list of 10 prioritized Features and each of you can come to me to get a Feature. You have already worked with the Product Owners to build some starter Stories

© Scaled Agile, Inc.

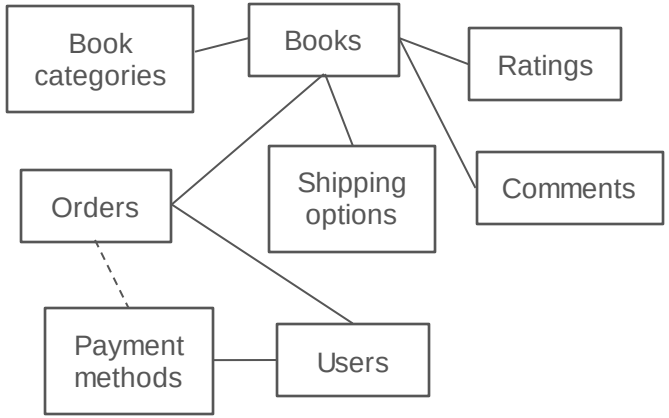
Simulation: Architecture and UX briefing

Presented by the System Architect

UI: HTML 5 / CSS 3



Communicating with models:



NFRs:

Security: see Wiki

Performance: Avg. response time < 2 sec

© Scaled Agile, Inc.

Simulation: Architecture and UX briefing

Presented by the System Architect

Platform:
WebSphere Application Server and Java (environments already tested.)
Database with tables and data exists.

Internationalization Strategy:
Epic in analysis for PI 2

Performance Guidelines:
internal.webserver.com/performanceguidelines

Wireframes and CSS:
internal.webserver.com/ux

© Scaled Agile, Inc.

Simulation: Development practices

Presented by the System Architect

Automated system integration is not in place. We want to integrate twice per Iteration:

- Start using ***Jenkins*** for Continuous Integration
- Use a single program branch

Don't forget: Upgrade ***Eclipse*** to latest version for stability.

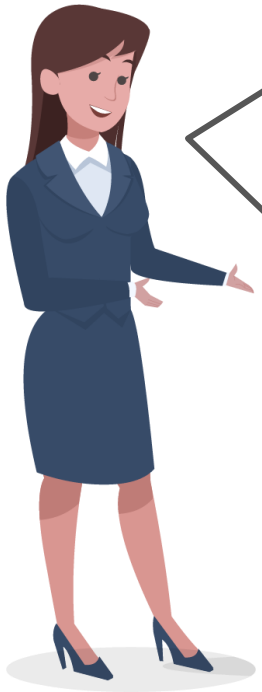
© Scaled Agile, Inc.

ALICE Context: Customizable Briefings

© Scaled Agile, Inc.

Simulation: Business context

Presented by the Executive



Autonomous delivery can transform the delivery business. The Autonomous Logistics & Cargo (ALC or '**ALICE**') Program will leverage commercial autonomous vehicle technology to support logistics and delivery.

ALICE program must support unique needs:

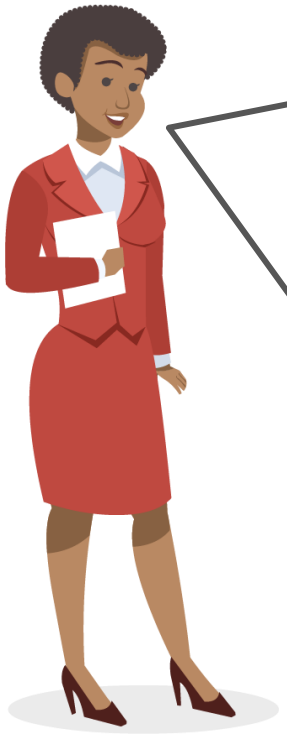
- Speedy delivery to people needing supplies
- Support customers' unique conditions with unmarked roads, varying types of obstacles, and poor road condition
- Enable larger and heavier deliveries on a single vehicle

We need needs to validate this approach by quickly fielding and demonstrating an operational, end-to-end solution

© Scaled Agile, Inc.

Simulation: Vision – Alice

Presented by the Product Manager



Our program vision supports the Alice mission to get the right supplies to the right location at the right time. To support this mission, our ART must:

- Enable the vehicle to handle the unique conditions while maximizing commercial off-the-shelf components and capabilities
- Speed the end-to-end delivery time by utilizing optimal routes and minimizing the idle time at both cargo pickup and cargo drop-off
- Optimize sizable fleets of vehicles at large companies to ensure balanced coverage
- Supporting any physical changes to the vehicle platform that may impact vehicle control as well as physical sensor/camera mounting

© Scaled Agile, Inc.

Simulation: Features

Presented by the Product Manager

Priority	Feature
1	Follow Unmarked Virtual Roads
2	Request Delivery
3	Parallel Park
4	Notify Delivery Arrival
5	Fleet Management
6	Smooth Driving with Fully Loaded Vehicle
7	Obey Unique Lane Markings
8	Avoid Obstacles Unique to Government Installations

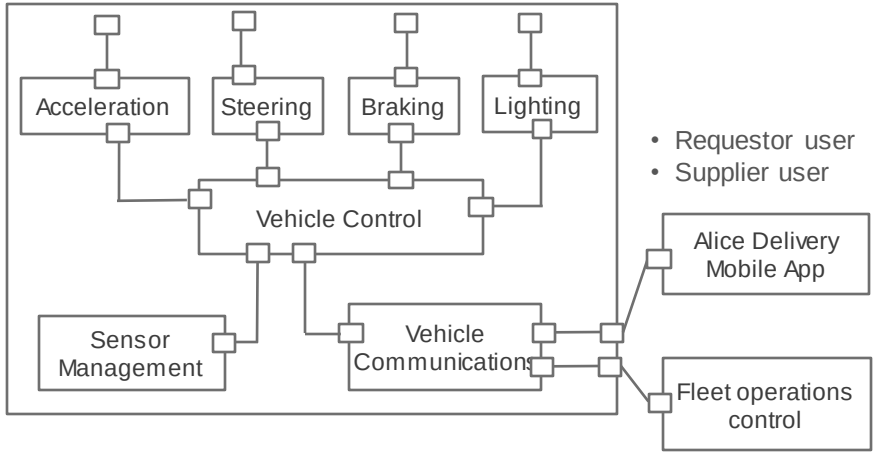
You have a list of 8 prioritized Features and each of you can come to me to get a Feature. You have already worked with the Product Owners to build some starter stories

© Scaled Agile, Inc.

Simulation: Architecture and UX briefing

Presented by the System Architect

Alice vehicle platform components



- Requestor user
- Supplier user
- Fleet management user

The Alice vehicle platform has several components that interface to sensors, control the vehicle, and communicate with users
Alice provides a mobile app for requesters and suppliers to communicate with their delivery vehicle and a fleet control system to manage Fleets of Alice vehicles
Your Features will modify one or more of these components

SCALED AGILE © Scaled Agile, Inc.

Simulation: Architecture and UX briefing

Presented by the System Architect

We support the following development environments:

- Embedded engineers use a common IDE with the embedded Linux SDK provided by our Viral Video suppliers
- Mobile development will be performed on Android Studio and XCode
- All teams must upgrade their IDEs to latest version this PI for stability

We have a test track the prototype delivery vehicle teams can use for end-to-end testing and to validate readiness for the upcoming demo.

© Scaled Agile, Inc.