



Université Abdelhamid Mehri Constantine 2

Faculté des Nouvelles Technologies de
l'Information et de la Communication

DEPARTEMENT TLSI



Specifications Document

for Krili Web Application for Allocation and Sale of Properties

ILSI MASTER'S DEGREE

Development Agile

Under the theme :

Developing an Agile Web Application for the Allocation and Sale of Properties (Krili)

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Specifications Document for Krili Web Application for Allocation and Sale of Properties

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I-Motivation

In the realm of project management, Agile methodologies offer a swift and cost-effective approach to assessing solutions for organizational fit, designing them, and promptly determining their success or failure. By embracing Agile principles in application development and enterprise-wide adoption, significant reductions in risk, time, and resource allocation are achieved. Moreover, the gains in experience and learning foster optimization. Thanks to Agile, what would traditionally take months for a team to conceptualize now only requires weeks, or even days. However, when applying Agile to application development and consumption, the primary challenge lies in attaining consensus. Business needs for custom applications vary across activities and become increasingly specific as one delves deeper into the organizational structure, such as divisions, countries, or cultures. Securing consensus from relevant divisions or countries early in the process facilitates tailoring the solution to the appropriate team, mitigating the risk of misdirection, and ensuring internal stakeholder financial approval from the outset.

II- Agile Methodology: Scrum

Scrum is a popular method for managing projects using Agile principles. It emphasizes teamwork, valuing the people involved and their interactions. It prioritizes delivering working software functionality and fosters close collaboration with clients. Unlike traditional methods, Scrum welcomes changes throughout the project. It balances this flexibility with essential practices like process transparency, regular reviews, and the ability to adapt based on learnings.

This approach tackles common project challenges:

- Unforeseen changes in requirements
- Evolving project scope
- Lack of clear project definition
- Limited client involvement

- Communication breakdowns

Scrum teams work in short cycles called sprints. During each sprint, they aim to deliver a potentially shippable product increment, even if it's a small piece of functionality. Regularly showcasing these working parts to clients allows for valuable feedback. This iterative approach, with frequent client input, increases the chances of delivering the right product at the end.

While the Product Owner prioritizes the work for each sprint (not every feature is guaranteed for delivery), the Scrum team strives to make it achievable. Traditionally, sprints are 30 days long, but many teams find success with shorter two-week cycles.

The Agile: Scrum Framework at a glance

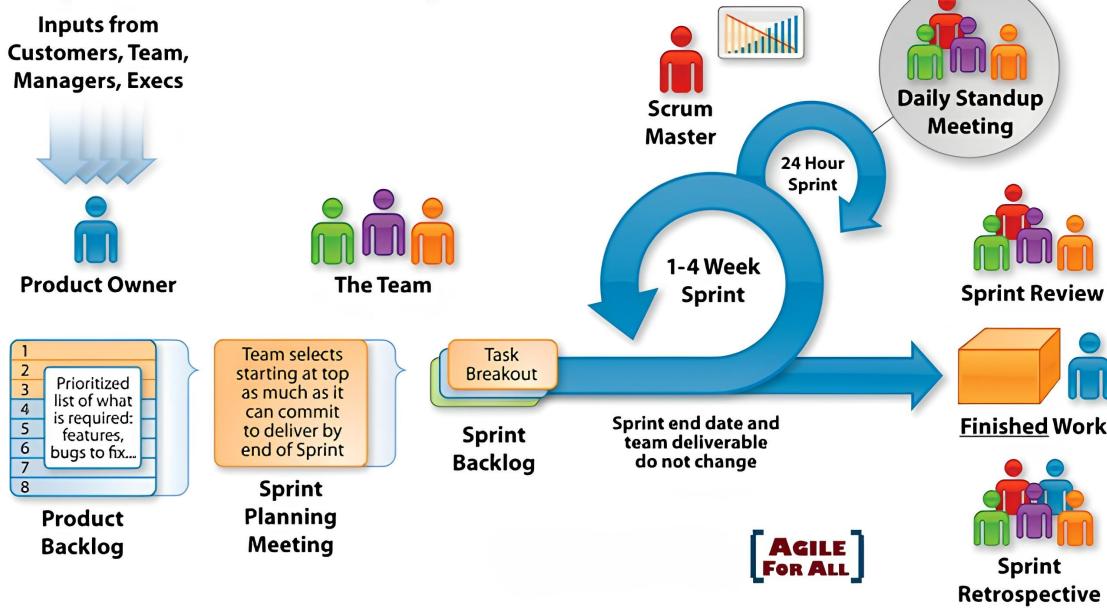


Figure 1 - Simplified Diagram Of The Scrum Process

III- Case Study

In order to better understand the functioning of the agile method "Scrum" as well as its subtleties and advantages, we will illustrate it through a real case study. This project was carried out by students from Abdelhamid Mehri Constantine 2 University, as part of our Agile development mini-project in Master 1. we

developed a web/mobile application called "KRILI", dedicated to managing properties such as cars, motorcycles, bicycles, trips, and others. We will examine the different stages of Scrum implemented, as well as the collaboration tools used in this context.

1. Project Context and Definition

The web application "KRILI" is a platform dedicated to managing properties such as cars, motorcycles, bicycles, trips, and others, as well as selling various items. Users can browse available offers and make transactions directly through the application.

2. Project Objective

The project aims to:

- Facilitate rental and sale transactions of goods.
- Provide a smooth and intuitive user experience.
- Provide tools for efficient management of properties and transactions.
- Meets the customers' needs by offering the possibility to filter offers according to their requirements.

3. Project Scope

The project involves:

- All users of the Krili application.
- The administration responsible for the platform.
- Functional Description of Requirements
- Sellers and buyers of goods and services.

The application consists of several features:

- Property Management: Sellers can offer their properties for rent or sale, while buyers can browse available offers.

- Transactions: Users can carry out transactions directly through the application, securing payments and generating necessary documents.
- User Management: The administration can manage user accounts, monitor transactions, and resolve any issues.

4. Non-functional Specification:

- The application must be hosted on a server capable of handling average load to ensure optimal performance.
- It should ensure seamless access from various devices, enabling users to utilize the platform regardless of their device choice.

IV- Work Methodology

1. Scrum Team Composition and Responsibilities

The Scrum team for this project consists of 4 key members:

1.1. Product Owner:

The Product Owner, in this case, is the Vice Rector in charge of External Relations, who also oversees student internships.

- **Product Owner Responsibilities:**
 - Represents the interests of stakeholders and users
 - Defines and prioritizes product requirements
 - Collaborates with the team to ensure product alignment with goals

1.2. Scrum Master and Back-end Developer:

This individual plays a dual role, overseeing both Scrum project management and back-end development and database administration tasks.

- **Scrum Master Duties:**
 - Plans the project backlog and daily meetings
 - Prepares and presents each sprint

- Facilitates team collaboration and resolves conflicts
- **Database Administrator Duties:**
 - Designs, normalizes, and implements the project database
- **Back-end Development:**
 - Implements business logic and application functionalities
 - Integrates with the project database

1.3. UI Designer and Frontend Developer:

This individual combines UI design expertise with frontend development skills.

- **UI Design:**
 - Creates visually appealing and user-friendly interfaces
 - Ensures consistent design across all application elements
- **Frontend Development:**
 - Translates UI designs into functional web pages
 - Implements responsive design principles for optimal user experience across devices

1.4. Mobile app Developer:

This developer is responsible for designing and implementing business logic and functionalities relevant to the mobile app.

- **Understanding mobile-specific requirements:** Collaborating with the Product Owner and UI/UX designer to understand functionalities and user experience considerations for the mobile app.
- **Utilizing cross-platform frameworks:** Since the project targets a mobile app for both iOS and Android platforms, employing frameworks enabling development for both platforms is essential.
- **Integration with back-end services:** The mobile app would likely need to communicate with the project's database or other back-end services. The developer would ensure this integration is seamless.

2. Tools Used

2.1. Jira

Jira is a project management platform based on Scrum, offering features such as quality assurance, documentation, publishing, and planning. Jira is not just a project management tool for agile methods. Although we can use Jira for the waterfall cycle, it is not the focus of our report. [2]

2.1.1. Concepts in Scrum and Their Correspondences in Jira:

Scrum	Jira
Product	Project
User Story	User Story
Sprint	Sprint
Team	Team
Burndown Chart	Burndown Chart
Potential Deliverables	Release

2.1.2. Roles

Scrum	Jira
Product Owner	Product Owner
Scrum Master	Scrum Master
Team	Team

2.1.3. Concepts in Jira

In addition to the basic concepts of Scrum, Jira also offers the following concepts to cover the entire software development cycle:

1. Product Release Planning
2. Product Roadmap
3. Build
4. Issue
5. Test Case

6. Test Task

7. Test Results

8. Documentation

9. To Do

The screenshot shows a Jira KAN board for the 'Krili' project. The board is organized into four columns: TO DO, IN PROGRESS, TEST, and DONE. The TO DO column has one item: 'Error Handling and Messaging' (SPRINT 6). The IN PROGRESS column has one item: 'Test All The Application (Web/Mobile)' (SPRINT 6). The TEST column has one item: 'Sign-in/Sign-up Page Design' (SPRINT 1). The DONE column has three items: 'Homepage Design' (SPRINT 1), 'Mobile Design Optimization' (SPRINT 1), and 'Logo Design' (SPRINT 1). The sidebar on the left shows project navigation options like Planning, Backlog, and Board.

Figure 2 - Sprint Dashboard On Jira

2.2. GIT

Git is a decentralized version control software. It was created by Linus Torvalds, the developer of the Linux kernel, and is distributed under the terms of the GNU General Public License version 2. In 2024, Git remains the most widely used version control software, with a user base now exceeding 50 million people [5].

It consists of two branches:

1. a main branch: for delivery
2. a development branch: for development and testing

It allows keeping all versions with comments and reasons for changes identified by the author if the need for rollback arises.

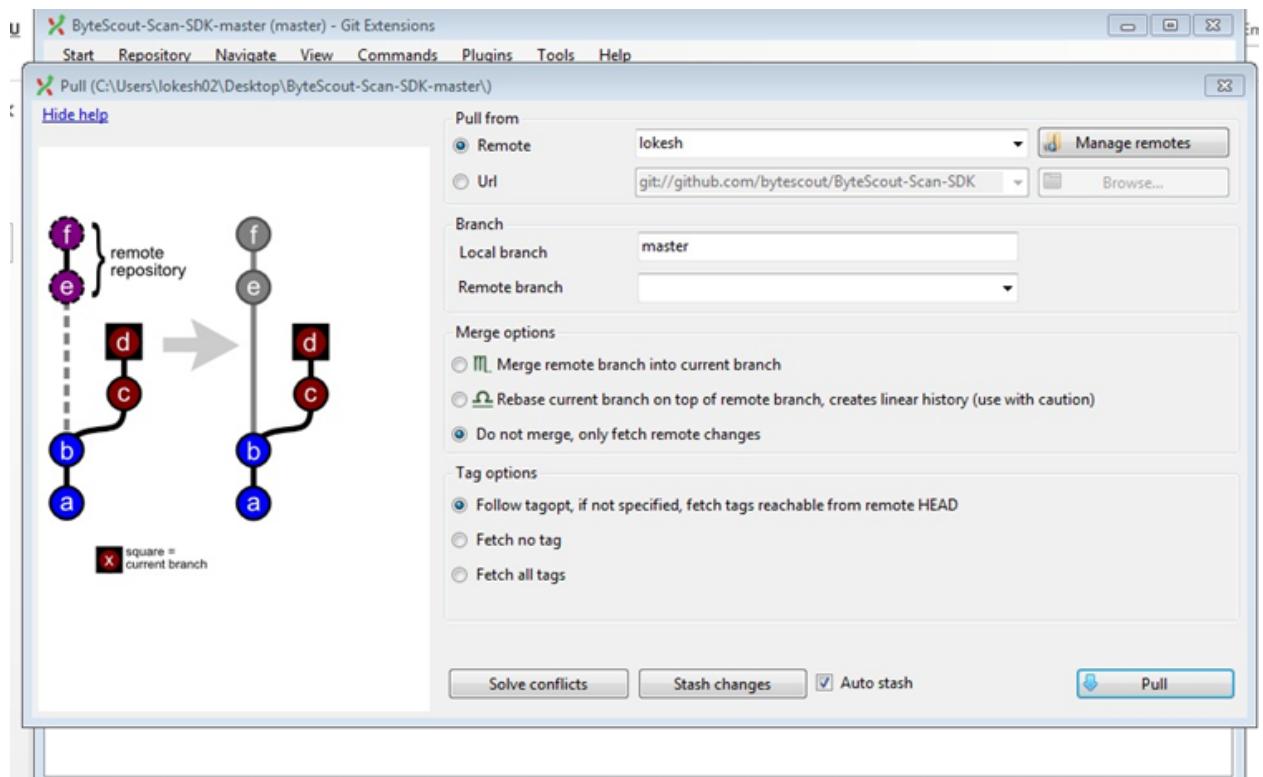


Figure 3 - GIT tools on Windows

Here is a part of how we used GitHub so that group members could work with the shared code.

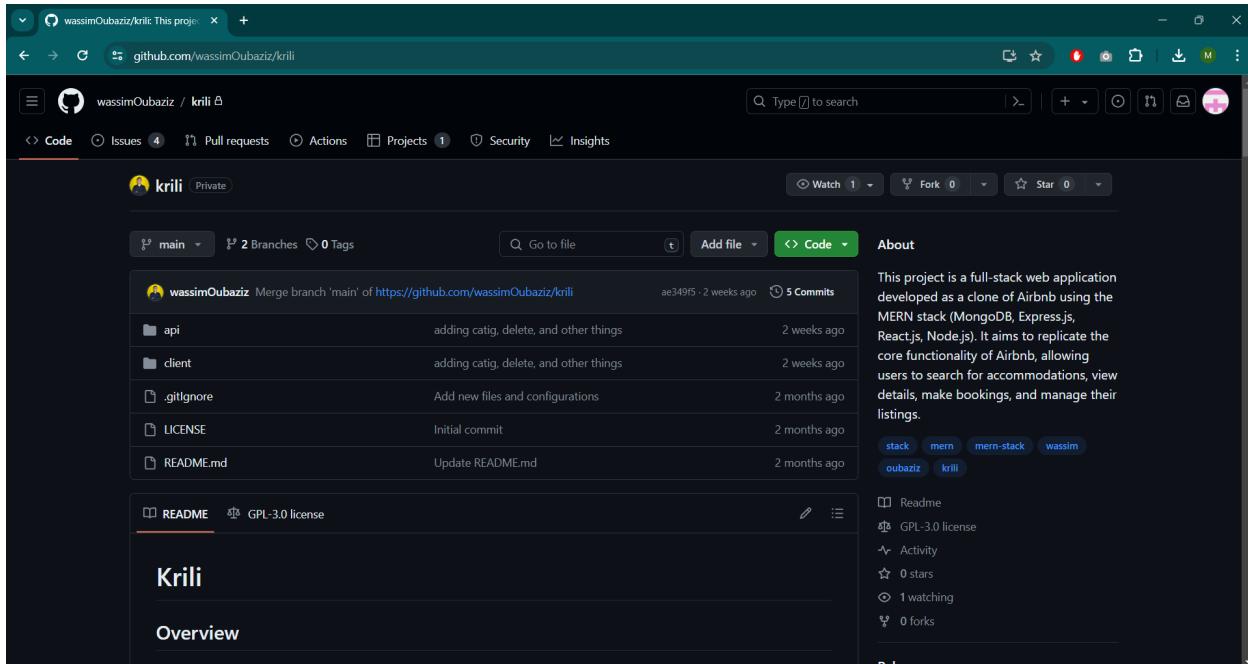


Figure 3 - Krili Web App On GitHub

3. Scrum Workflow: An Iterative and Cyclical Approach

In our project journey, we've embraced the Scrum methodology as our compass, guiding us through the dynamic landscape of development. Scrum is an iterative and cyclical project management methodology that revolves around a central concept: the sprint. Each sprint is a short, fixed-length period during which the team focuses on delivering a specific set of features or functionalities. This iterative approach allows for continuous feedback and adaptation, ensuring that the project remains on track and aligned with stakeholder expectations. [1]

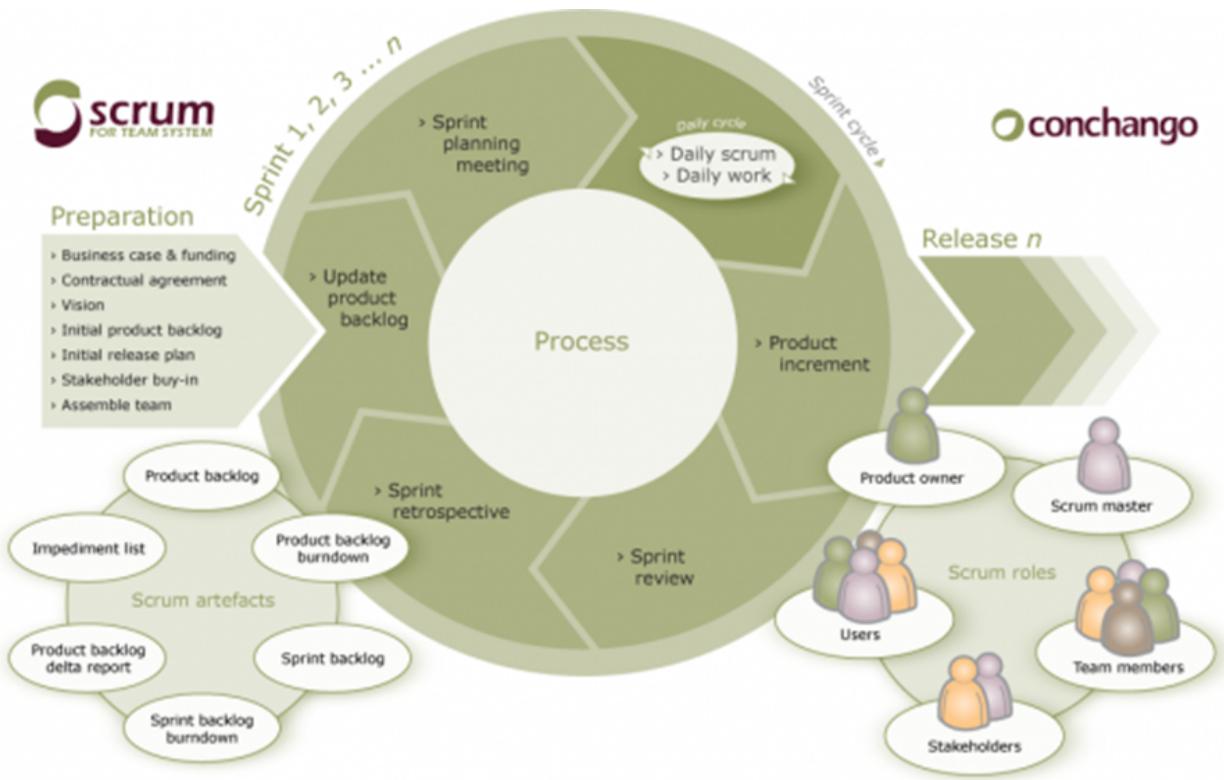


Figure 4: The Scrum Workflow Cycle

3.1. Product Backlog:

the product backlog serves as our guiding document, reflecting the collective understanding of what needs to be accomplished. We continuously refined and updated this backlog based on evolving requirements and feedback from stakeholders. Figure 5 showcases our dynamic product backlog in Jira, reflecting our ongoing refinement and prioritization process:

The screenshot shows the Jira Product Backlog interface for the 'Krili' project. On the left, there's a sidebar with 'Issues without epic' and a list of 'Sprint' items (Sprint 1 through Sprint 6). The main area is a 'Board' view titled '(18 issues)'. It lists 18 tasks, each with a checkmark, assigned to different sprints (SPRINT 1, 2, 3, 4) and labeled as 'DONE'. The tasks include various design and development items like 'Sign-in/Sign-up Page Design', 'Homepage Design', and 'Profile Page Development'. A legend at the top right indicates 0, 2, and 16 items.

Figure 5: The Product Backlog

3.2. Determining Task Priorities:

Understanding the process by which task priorities were established is crucial. Before embarking on our project within the Scrum framework, we engaged in a comprehensive process to determine the priorities of tasks. This involved close collaboration among team members and stakeholders, particularly the Product Owner, who played a pivotal role in representing the interests of end-users and stakeholders. Here's a breakdown of our approach:

- Thorough Discussions: We initiated in-depth discussions within our team to gain an understanding of the project requirements. These discussions encompassed various aspects, including the project objectives, scope, constraints, and desired outcomes.
- Collaboration with Product Owner: Working closely with the Product Owner, we leveraged his insights and needs to prioritize tasks effectively. The Product Owner advocated for the features and functionalities that would deliver the maximum value to end-users and align with organizational objectives.
- Consideration of Multiple Factors: In determining task priorities, we took into account other factors to ensure a balanced approach. These factors included:

- Business Value: We assessed the potential impact of each task on the overall success of the project and its contribution to achieving business objectives.
 - User Needs: We prioritized tasks that addressed critical user pain points and enhanced the user experience.
 - Technical Dependencies: We evaluated the relationships between tasks and their technical feasibility. Tasks that served as prerequisites for others or had substantial dependencies were given priority accordingly.
 - Market Demands: Remaining attentive to market trends and competitor activities, we prioritized tasks aimed at strengthening the project's competitiveness and resonance within the marketplace.
- **Iterative Refinement:** Task priorities were not set in stone but subject to iterative refinement based on evolving requirements and feedback. We adopted an agile mindset, allowing us to adapt and reprioritize tasks as new information surfaced or project dynamics changed.

3.3. Sprint Planning:

Before each sprint, we engaged in collaborative sprint planning sessions. These sessions involved selecting items from the product backlog based on their priority and estimated effort. By breaking down larger tasks into smaller, manageable ones, we ensured that each sprint's goals were achievable within the designated time frame. Here's an overview of our sprint planning:

The screenshot shows the Jira software interface for the Krili project. The left sidebar includes navigation links for Planning, Development, and Issues. The main area displays the 'Issues' page with a list of items under 'Sprint 4'. One item, 'KRILI-33', is selected. The right panel provides detailed information about this issue, including its assignee (Wassim Oubaziz), labels (None), and parent tasks (NEW).

Figure 6: Assigning tasks to team members

3.4. Daily Scrum Meeting:

During each sprint, we held a brief daily meeting, also known as a daily stand-up meeting. This short meeting (typically 15 minutes or less) allowed the team to:

- Share progress made on tasks from the previous day.
- Outline plans for the current day.
- Identify any roadblocks or impediments hindering the progress.

The Scrum Master facilitates this meeting, ensuring everyone has a chance to speak and that the focus remains on collaborative problem-solving and course correction if needed. Figure 7 provides a glimpse into one of our daily meetings:

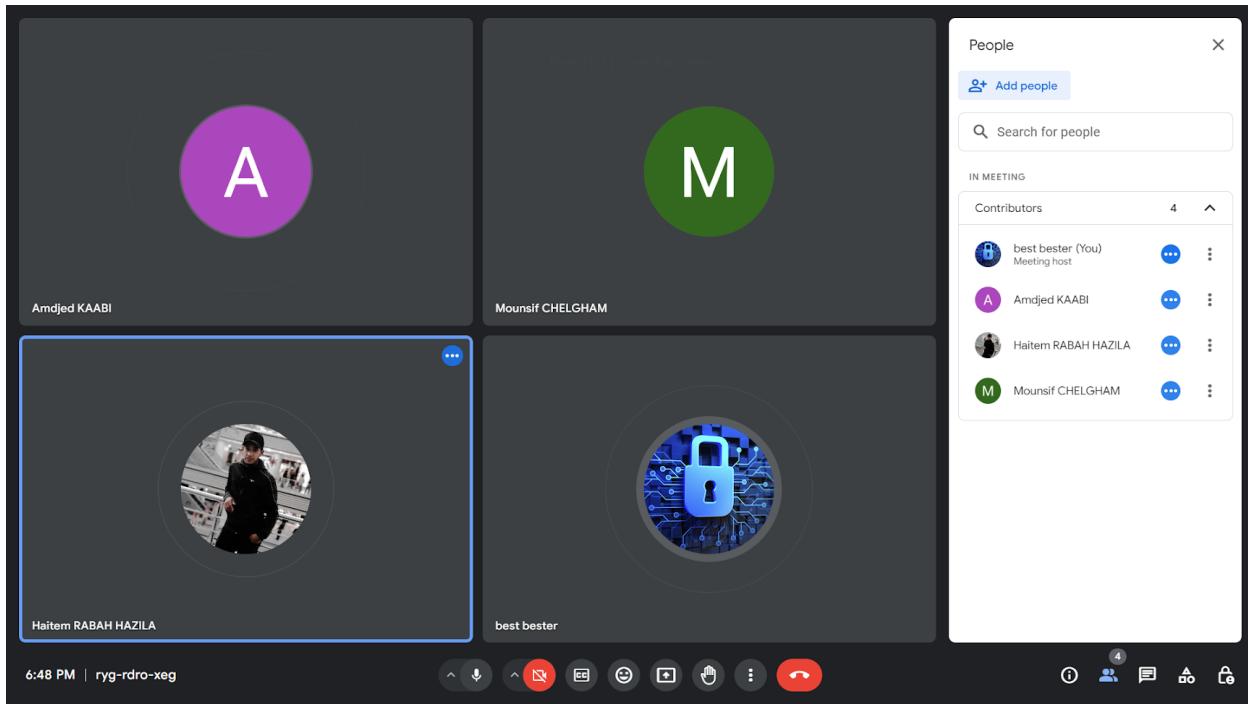


Figure 7 - Daily meetings using google meet technology

3.5. Sprint Execution:

With tasks assigned and goals set, the team works diligently to complete the planned tasks in time as depicted in Figure :

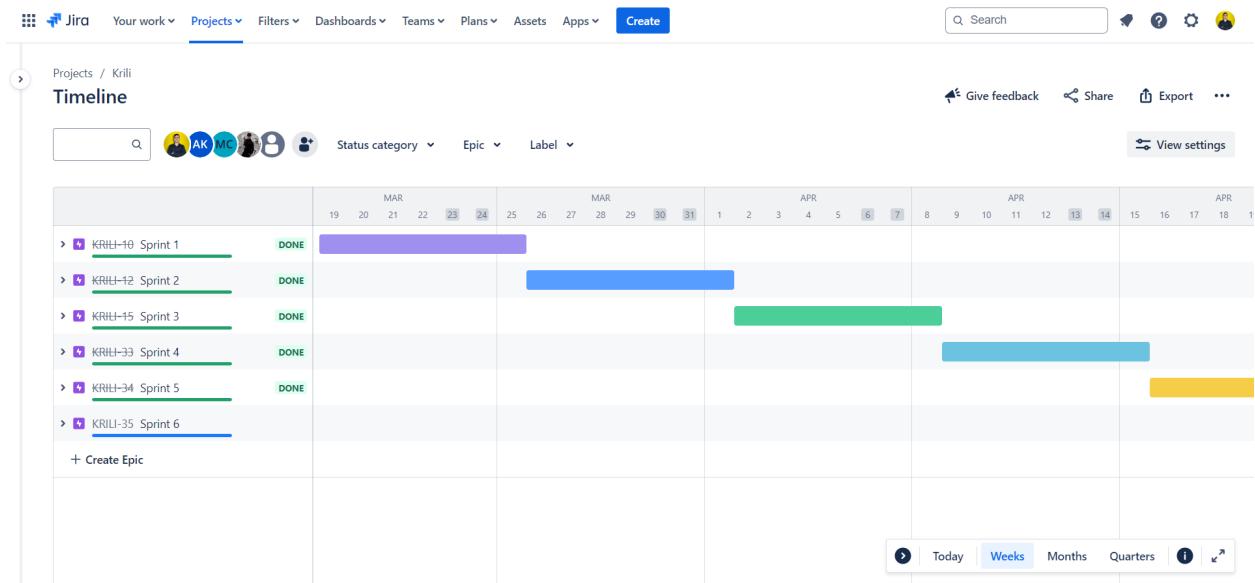


Figure 8: Sprints Timeline

3.6. Sprint Review:

At the end of each sprint, the team gather to showcase our completed work to stakeholders. This review provides an opportunity to gather feedback, demonstrate progress, and ensure alignment with project goals. Here's a snapshot of our progress:

The screenshot shows a Jira KAN board titled "KAN board". The board is divided into four columns: "TO DO", "IN PROGRESS 1", "TEST 1", and "DONE 16".

- TO DO:** Contains a button "+ Create issue".
- IN PROGRESS 1:** Contains one card: "Error Handling and Messaging" (SPRINT 6) with status "AK" and assigned to "KRILI-30".
- TEST 1:** Contains one card: "Test All The Application (Web/Mobile)" (SPRINT 6) with status "AK" and assigned to "KRILI-32".
- DONE 16:** Contains several cards:
 - "Sign-in/Sign-up Page Design" (SPRINT 1) status "to-Do" assigned to "KRILI-7".
 - "Homepage Design" (SPRINT 1) status "Done" assigned to "KRILI-5".
 - "Mobile Design Optimization" (SPRINT 1) status "to-Do" assigned to "KRILI-6".
 - "Logo Design" (SPRINT 1) status "to-Do" assigned to "KRILI-16".

The left sidebar shows navigation options like "Your work", "Projects", "Filters", "Dashboards", "Teams", "Plans", "Assets", "Apps", "Create", "Search", and "Help". The "Board" option is selected.

Figure 9 - Showcasing Progress

3.7. Sprint Retrospective:

After the sprint review, we take time to reflect on our performance and identify opportunities for improvement. This retrospective helps the team continuously refine our processes and enhance effectiveness in future sprints. Figures 9 showcases valuable insights on our performance:

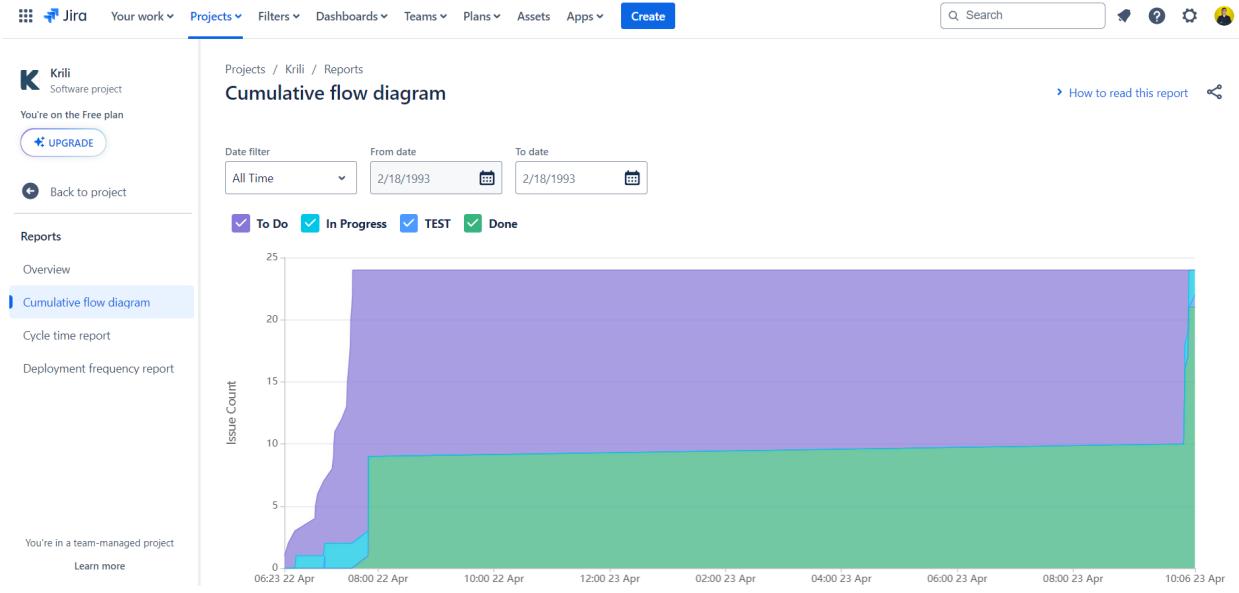


Figure 10: Retrospective on Performance

4. Work Result

The application was developed over 8 sprints of 7 to 15 days each,

We started by conceptualizing our application. We made designs and diagrams to visualize how our application is going to be.

4.1. Conception

Here is a general use case diagram that includes the actors using the app and their functionalities.

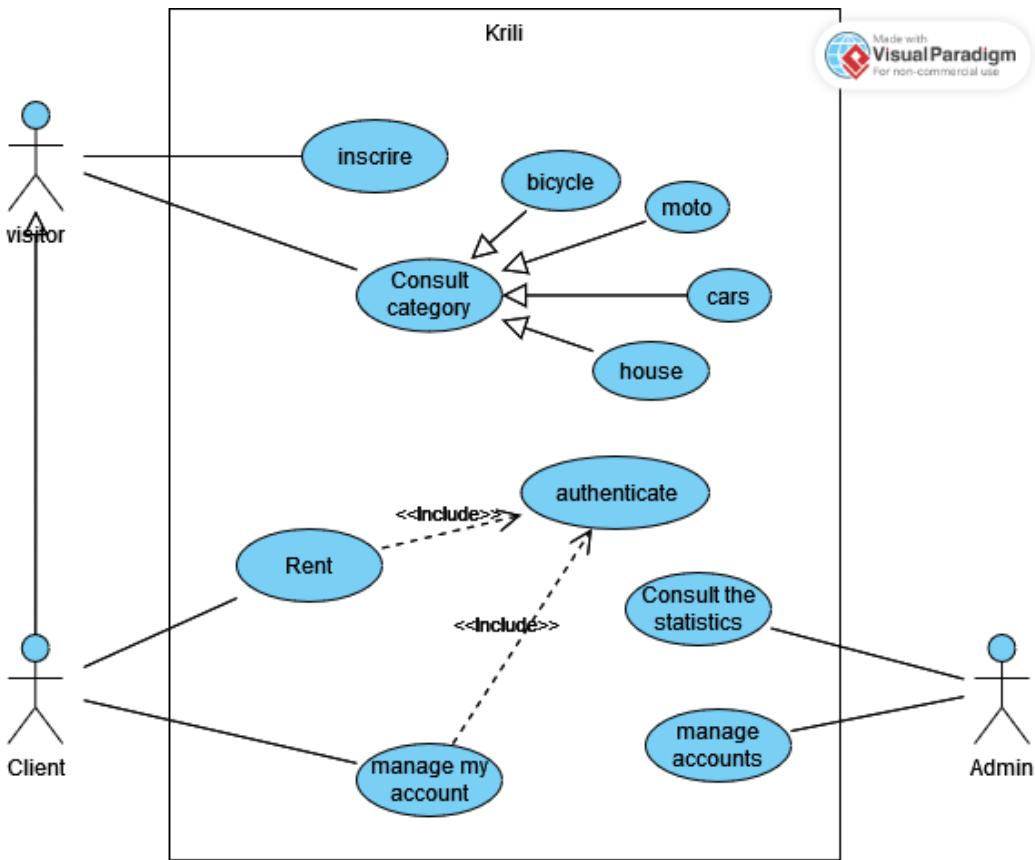


Figure 11: Use case diagram of KRILI

Following this overview, let's delve briefly into the sequence diagram illustrating the interaction between the client and the system in listing categories

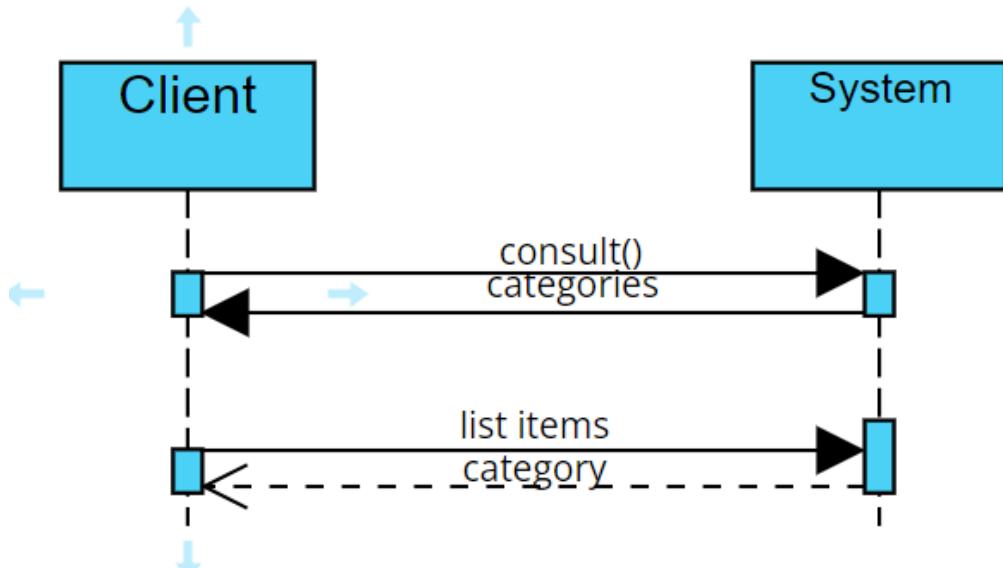


Figure 12: Sequence diagram of listing categories items

Afterward, we'll discuss the general domain class diagram. Here is how we demonstrate it

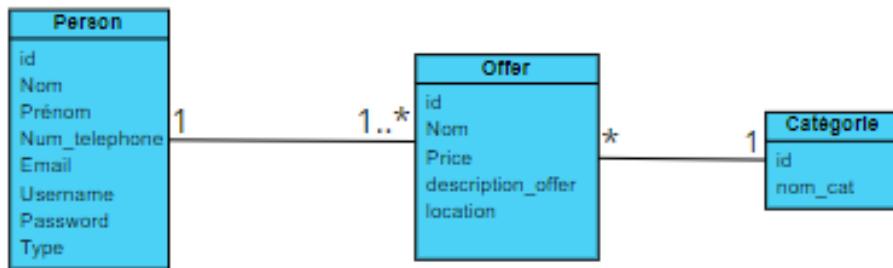


Figure 13: Domain class diagram

4.2. Design

We kickstarted the design of the Krili app using Figma, quickly sketching out the user interface, defining essential components, and establishing the layout. This allowed us to visualize the app's structure and functionalities from the outset. Which we made some changes on it later in other sprints implementation

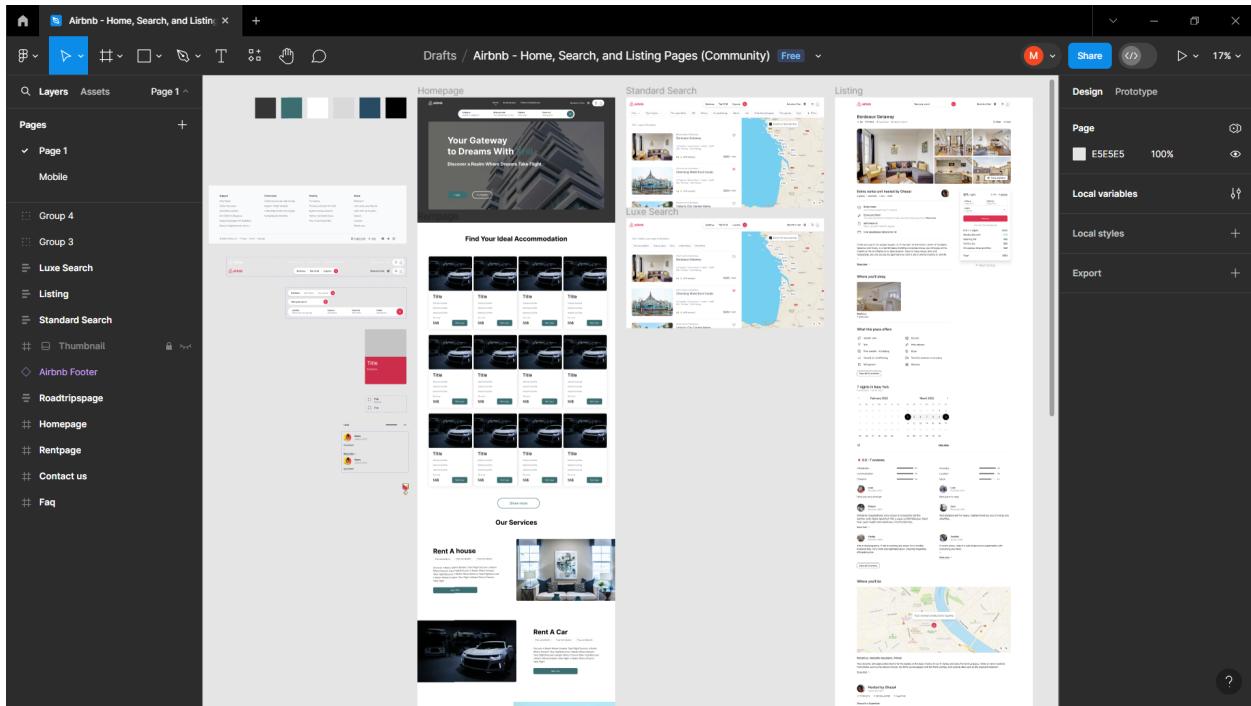


Figure 14: Web application design

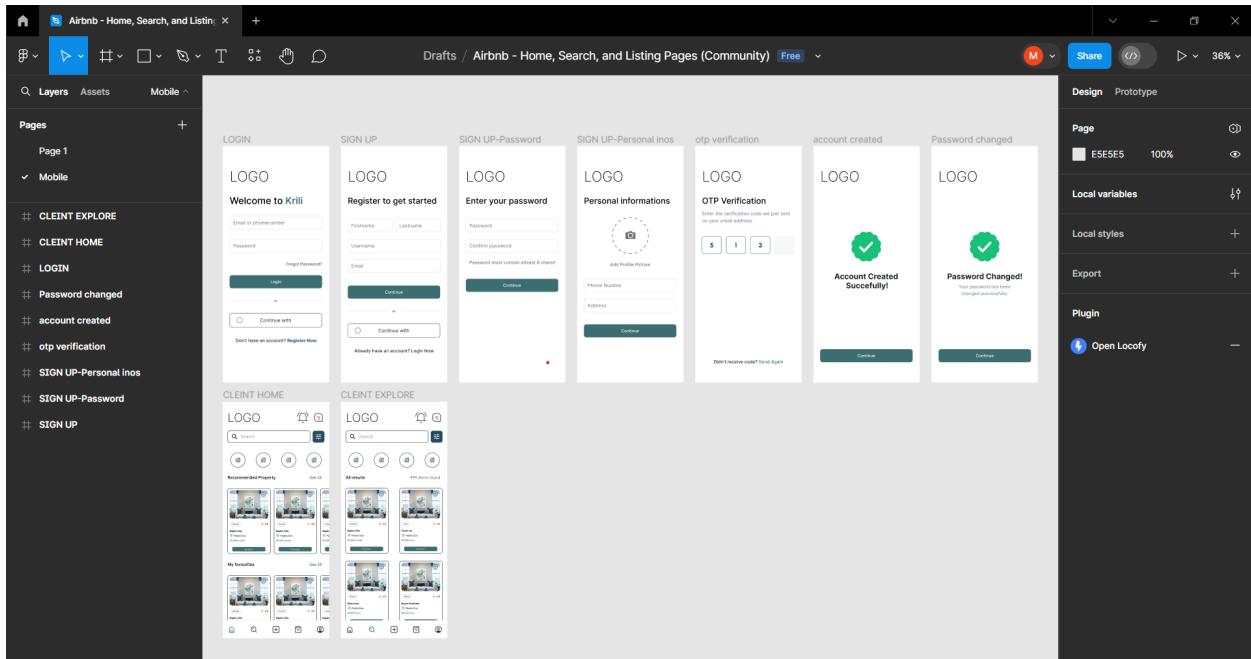


Figure 15: Mobile application design

4.3. Implementation

To achieve a functional result for the first two parts of the application, we started the implementation with the landing home page.

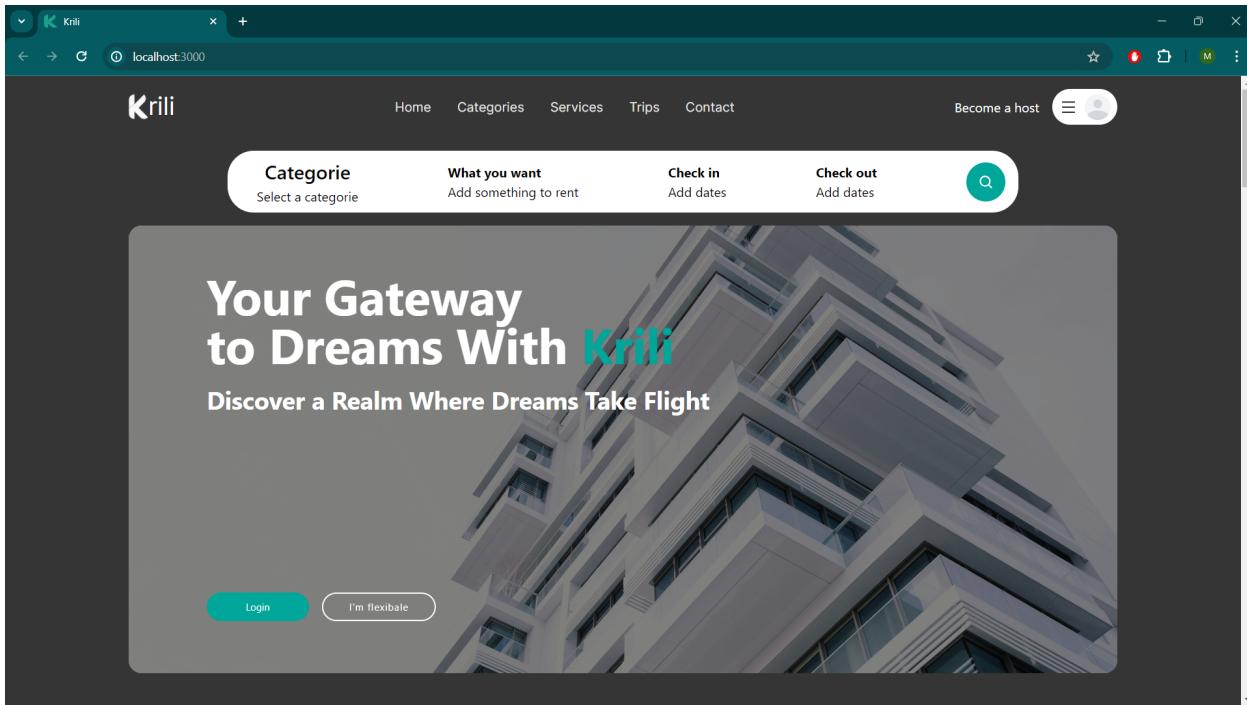
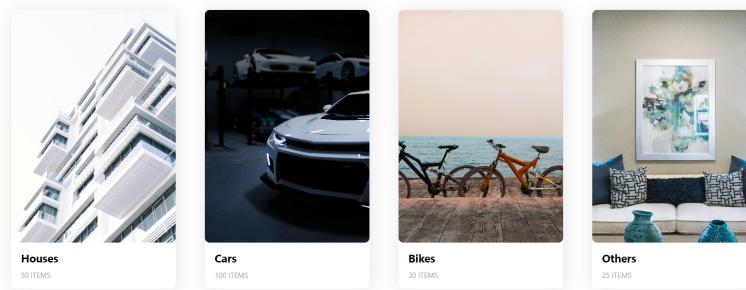


Figure 16: Landing Page - Home

The application is accessible both as a web portal and a mobile application. Visitors have the flexibility to explore available offers, and if they already have an account, they can sign up or log in to access the application's features, including available rental and sale offers. here the interfaces demonstrating the work

Choose The Categorie You Want



Our Services

Rent A House

Free Housing

Free Housing

Free Housing

Discover a Realm Where Dreams Take FlightDiscover a Realm Where Dreams Take Flight

Rent Now



Rent A Car

Free Housing

Free Housing

Free Housing

Discover a Realm Where Dreams Take FlightDiscover a Realm Where Dreams Take Flight

Rent Now

And many others

Free Housing

Free Housing

Free Housing

Discover a Realm Where Dreams Take FlightDiscover a Realm Where Dreams Take Flight

Rent Now



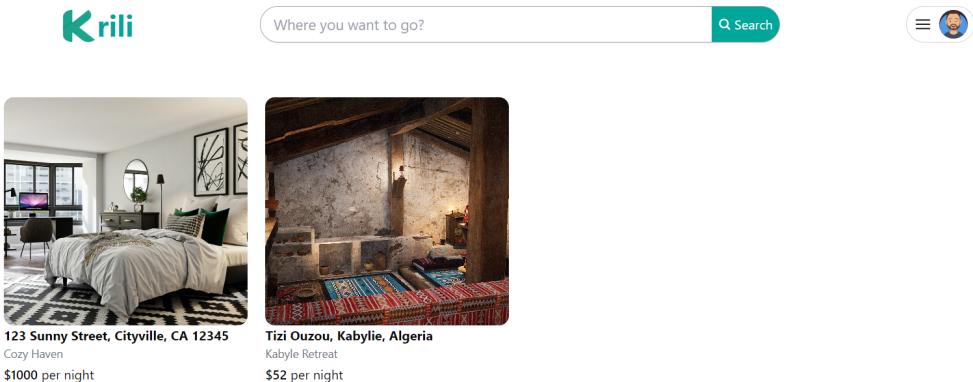
You want also to share your properties?

Discover a Realm Where Dreams Take FlightDiscover a Realm Where Dreams Take Flight

Rent Now

Figure 17: Landing Page - Categories - Services

After clicking on a category he wanted he can view available products



This screenshot shows the Krili Products List Page. It features a navigation menu at the top with links for Support, Hosting, and Krili. Below the menu, there are three columns of links: Support (Help Center, Get help with a safety issue, Air cover, Anti-discrimination, Disability support, Cancellation options, Report neighbourhood concern), Hosting (Krili your home, AirCover for Hosts, Hosting resources, Community forum, Hosting responsibly), and Krili (Newsroom, New features, Careers, Investors, Krili.org emergency stays). At the bottom of the page is a footer with copyright information ("© 2024 Krili, Inc. • Privacy • Terms • Sitemap • Company details"), language and currency selection ("English(EN) \$ USD"), and social media icons for Facebook, X, and LinkedIn.

Figure 18: Products List Page

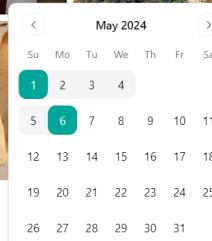
(p.s: it's not showing a full list of products because the dataset is empty)

Upon navigating through the products, users can select an offer of interest to view more details, such as price, place offers, extra information, and maximum number of guests. This interaction leads to see what he wants:



Kabyle Retreat

② [Tizi Ouzou, Kabylie, Algeria](#)



May 01, 2024 -> May 06, 2024

Number of guests:

1

Your full name:

wassim

Phone number:

Book this place \$260

Description

Welcome to Kabyle Retreat, nestled in the picturesque region of Kabylie. This traditional yet modern apartment offers a unique blend of comfort and cultural charm. With stunning views of the surrounding mountains and lush greenery, you'll experience true relaxation in this serene setting.

Max number of guests: 6

What this place offers



Free parking spot



Radio



Extra Info

1.House rules: Please treat the space with respect and conserve water and electricity. 2.Check-in time: Flexible 3.Check-out time: 11:00 AM

Comments

Write your comment here...

Add Comment

Support
Help Center
Get help with a safety issue
Air cover
Anti-discrimination
Disability support
Cancellation options
Report neighbourhood concern

Hosting
Krili your home
AirCover for Hosts
Hosting resources
Community forum
Hosting responsibly

Krili
Newsroom
New features
Careers
Investors
Krili.org emergency stays

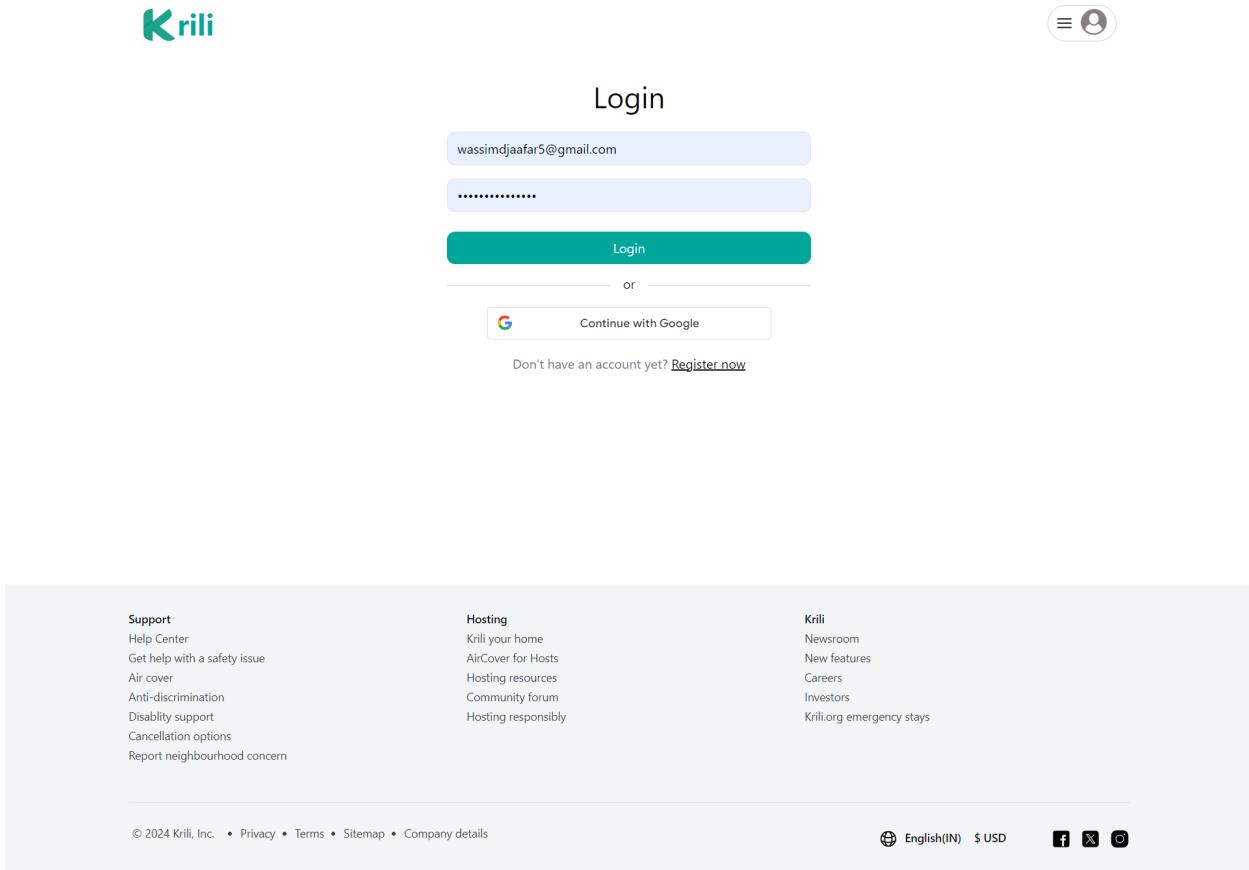
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English(EN) \$ USD



Figure 19: Detailed Product Page

When a visitor intends to rent or make an offer, they are directed to the login/signup page to enter their credentials. Here's how it appears:



The screenshot shows the Krili login page. At the top left is the Krili logo. At the top right are three icons: a menu icon, a user profile icon, and a search icon. The main title "Login" is centered above two input fields: one for email (containing "wassimdjafar5@gmail.com") and one for password (containing "*****"). Below these is a teal "Login" button. A horizontal line with the word "or" separates this from a "Continue with Google" button, which includes the Google logo and the text "Continue with Google". At the bottom left, there is a link "Don't have an account yet? [Register now](#)". The footer contains three columns of links: "Support" (Help Center, Get help with a safety issue, Air cover, Anti-discrimination, Disability support, Cancellation options, Report neighbourhood concern), "Hosting" (Krili your home, AirCover for Hosts, Hosting resources, Community forum, Hosting responsibly), and "Krili" (Newsroom, New features, Careers, Investors, Krili.org emergency stays). At the very bottom, there is copyright information ("© 2024 Krili, Inc. • Privacy • Terms • Sitemap • Company details"), language and currency selection ("English(IN) \$ USD"), and social media links for Facebook, X, and LinkedIn.

Figure 20: Login Page



Register

John Doe

your@email.com

password

Register

or

Continue with Google

Already a member? [Login](#)

Support

- Help Center
- Get help with a safety issue
- Air cover
- Anti-discrimination
- Disability support
- Cancellation options
- Report neighbourhood concern

Hosting

- Airbnb your home
- AirCover for Hosts
- Hosting resources
- Community forum
- Hosting responsibly

Airbnb

- Newsroom
- New features
- Careers
- Investors
- Airbnb.org emergency stays

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English(EN) \$ USD

Figure 21: SignUp Page

After the user submits their information, they are redirected either to the home page or the last visited page. In our case, they are taken to a validation page. Upon validation and confirmation with the seller, the client can view their booking details in the "My Booking" section:

[My Profile](#)[My bookings](#)[My accommodations](#)

Cozy Haven

5 nights: 24-03-2024 → 29-03-2024

Total price: \$2500



Kabyle Retreat

5 nights: 01-05-2024 → 06-05-2024

Total price: \$260

Support

- Help Center
- Get help with a safety issue
- Air cover
- Anti-discrimination
- Disability support
- Cancellation options
- Report neighbourhood concern

Hosting

- Krili your home
- AirCover for Hosts
- Hosting resources
- Community forum
- Hosting responsibly

Krili

- Newsroom
- New features
- Careers
- Investors
- Krili.org emergency stays

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English(EN) \$ USD

Figure 22: My Bookings Section

They can also click on any of their booking entries to review the details again:

The screenshot shows a user interface for managing bookings. At the top, there's a navigation bar with the Krili logo, a user profile icon, and three buttons: 'My Profile', 'My bookings' (which is highlighted in green), and 'My accommodations'. Below this, the title 'Kabyle Retreat' and location 'Tizi Ouzou, Kabylie, Algeria' are displayed. A summary box on the right shows 'Your booking information' for 5 nights from 01-05-2024 to 06-05-2024, with a total price of '\$260'. Below the summary are four large images of the property: a rustic interior room, a bedroom, a scenic view of a hillside town, and another interior shot. A 'Show all photos' button is visible. At the bottom, there are three columns of links: 'Support' (Help Center, Get help with a safety issue, Air cover, Anti-discrimination, Disability support, Cancellation options, Report neighbourhood concern), 'Hosting' (Krili your home, AirCover for Hosts, Hosting resources, Community forum, Hosting responsibly), and 'Krili' (Newsroom, New features, Careers, Investors, Krili.org emergency stays). The footer includes copyright information ('© 2024 Krili, Inc.'), language and currency selection ('English(EN) \$ USD'), and social media links.

Figure 23: My Bookings Detailed Booking Section

As previously described, clients can also offer their own properties to other users of the Krili application. The following page demonstrates the process and the entered information to host a property for rent or sale, They enter the listed information with the option to specify whether they intend to sell the item or rent it out:

[My Profile](#)[My bookings](#)[My accommodations](#)**Title**

Title for your place. Should be short and catchy as in advertisement

Title, for example: My lovely apt

Address

Address to this place

Address

Photos

More = Better

Add using a link ...jpg

Add photo

Upload

Description

Description of the place

Perks

Select all the perks of your place

 WiFi Free parking spot TV Radio Pets Private Enterence**Extra Info**

House rules, etc.

Category

Select Category

Renting Renting**Selling** Selling**Religion**

Select Religion

Max no. of guests

10

Price per night

500

Save**Support**

- Help Center
- Get help with a safety issue
- Air cover
- Anti-discrimination
- Disability support
- Cancellation options
- Report neighbourhood concern

Hosting

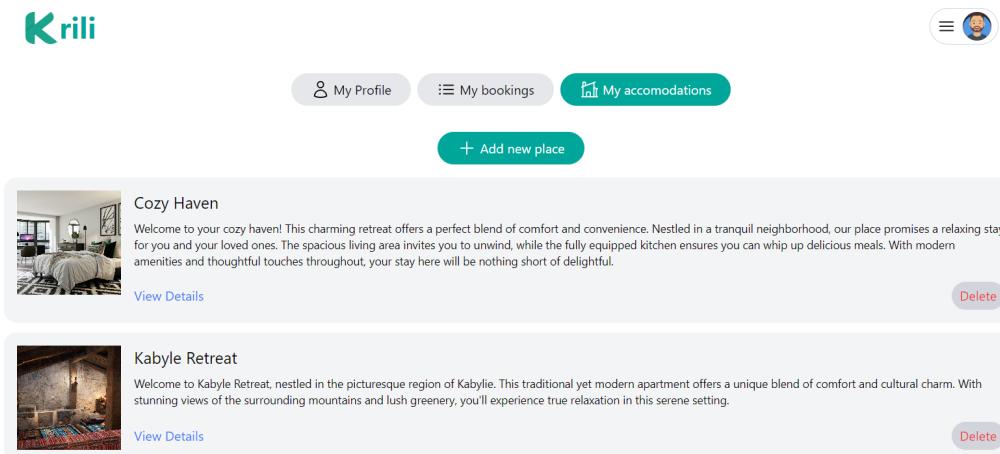
- Krili your home
- AirCover for Hosts
- Hosting resources
- Community forum
- Hosting responsibly

Krili

- Newsroom
- New features
- Careers
- Investors
- Krili.org emergency stays

Figure 24: New Accommodation Section

After validating their accommodation, the client can view their hosted accommodation through the same previous process, presented in this interface:



The screenshot shows the footer section of the Krili web application. It contains three columns of links:

- Support**: Help Center, Get help with a safety issue, Air cover, Anti-discrimination, Disability support, Cancellation options, Report neighbourhood concern.
- Hosting**: Krili your home, AirCover for Hosts, Hosting resources, Community forum, Hosting responsibly.
- Krili**: Newsroom, New features, Careers, Investors, Krili.org emergency stays.

At the bottom, there's a copyright notice: © 2024 Krili, Inc. • Privacy • Terms • Sitemap • Company details. To the right, there are language and currency settings (English(IN), \$ USD) and social media icons for Facebook, X, and LinkedIn.

Figure 25: My Accommodation Section

In the event that the client wishes to edit any attribute of their accommodation, they can do so and save the changes:



[My Profile](#)[My bookings](#)[My accommodations](#)**Title**

Title for your place. Should be short and catchy as in advertisement

Kabyle Retreat

Address

Address to this place

Tizi Ouzou, Kabylie, Algeria

Photos

More = Better

Add using a link ...jpg

[Add photo](#)[Upload](#)**Description**

Description of the place

Welcome to Kabyle Retreat, nestled in the picturesque region of Kabylie. This traditional yet modern apartment offers a unique blend of comfort and cultural charm. With stunning views of the surrounding mountains and lush greenery, you'll experience true relaxation in this serene setting.

Perks

Select all the perks of your place

 WiFi Free parking spot TV Radio Pets Private Enterence**Extra Info**

House rules, etc.

- 1.House rules: Please treat the space with respect and conserve water and electricity.
- 2.Check-in time: Flexible
- 3.Check-out time: 11:00 AM

Category

Houses

Renting Renting**Selling** Selling**Religion**

Islamic

Max no. of guests

6

Price per night

52

[Save](#)**Support**

- [Help Center](#)
- [Get help with a safety issue](#)
- [Air cover](#)
- [Anti-discrimination](#)
- [Disability support](#)
- [Cancellation options](#)
- [Report neighbourhood concern](#)

Hosting

- [Krill your home](#)
- [AirCover for Hosts](#)
- [Hosting resources](#)
- [Community forum](#)
- [Hosting responsibly](#)

Krili

- [Newsroom](#)
- [New features](#)
- [Careers](#)
- [Investors](#)
- [Krilli.org emergency stays](#)

Figure 26: Edit Accommodation Section

In Addition, the client can review their profile for personal information and edit it if necessary. Here's how it looks:

The screenshot shows the Krili web application interface. At the top, there is a navigation bar with the Krili logo on the left and three buttons: 'My Profile' (highlighted in green), 'My bookings', and 'My accommodations'. On the right side of the top bar is a user profile icon. Below the navigation bar is a large circular profile picture of a smiling man with a beard. To the right of the profile picture, the user's name 'wassim' and email 'wassimdjafar5@gmail.com' are displayed. Below this information are two buttons: 'Edit Profile' (in green) and 'Logout'. At the bottom of the page, there is a footer section containing links for Support, Hosting, and Krili, along with copyright information, language selection ('English(IN)'), currency selection ('\$ USD'), and social media icons for Facebook, X, and Instagram.

Support
Help Center
Get help with a safety issue
Air cover
Anti-discrimination
Disability support
Cancellation options
Report neighbourhood concern

Hosting
Krili your home
AirCover for Hosts
Hosting resources
Community forum
Hosting responsibly

Krili
Newsroom
New features
Careers
Investors
Krili.org emergency stays

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English(IN) \$ USD [Facebook](#) [X](#) [Instagram](#)

Figure 27: My Profile Section

There is also a section where a visitor or a client can contact the services if they have any queries.

Contact Us For Any Query

Full Name	Email Address
Mobile Number	Email Subject
Your Message	

Submit

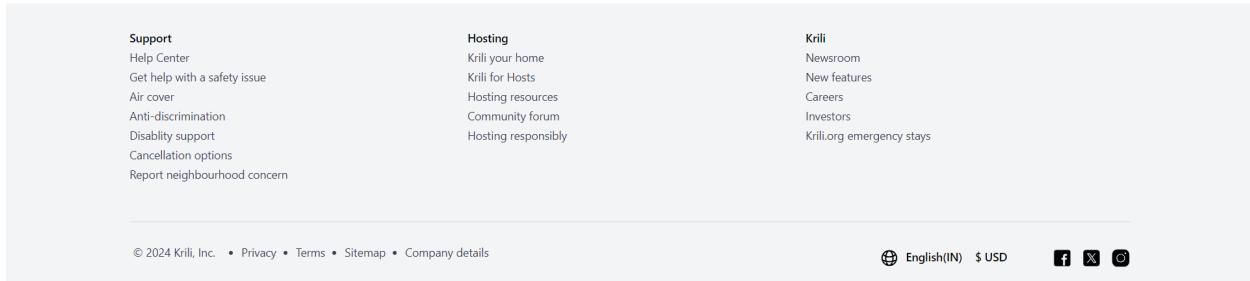


Figure 28: Contact Section

A mobile version of webApp has also been developed. and here are some pictures concerning the app:

First are the login and signup screens, which serve as the gateway to the app, offering users the opportunity to access its features and content. They prioritize simplicity and efficiency offering clear instructions, and minimalistic design which enhances usability, guiding users effortlessly through the authentication process.



Welcome To Krili

@ Email

>Password

[Forgot password?](#)

Log in

or

Continue with 

Don't have an account? [Register now](#)

Figure 29: Login screen



Register To Get Started

Aa Bb

abc@gmail.com

.....

.....

Password must contain at least 8 characters!

Continue

or

Continue with 

Already have an account? [Log in](#)



Personal Information

 Add a Profile Picture

Phone Number

Address

Continue

Scrolling through properties to select a rental is an immersive and efficient experience for users. The visually appealing interface with high-quality images and concise property descriptions captures users attention and facilitates informed decision-making.

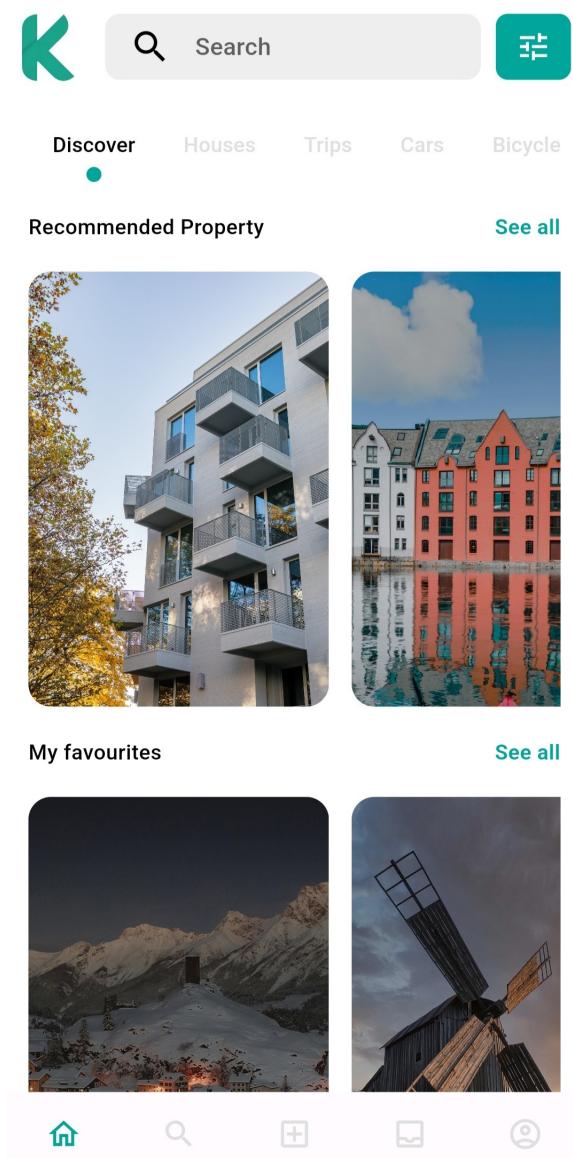


Figure 32: Main page

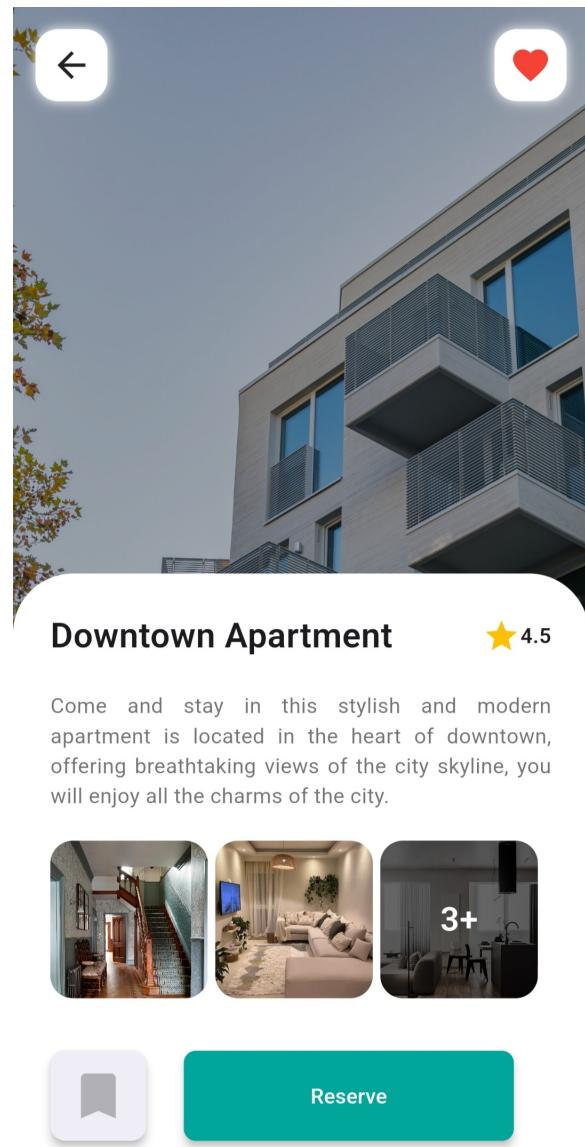


Figure 33: Product screen

References:

- [1] **Official Scrum Guide:** <https://www.scrum.org/resources/scrum-guide>
- [2] **Jira:** <https://confluence.atlassian.com/jira061/jira-101>
- [3] **GitHub Guide:** <https://github.com/git-guides>