

Kemedar Development Workflow: Efficient and Scalable

Kemedar Development Workflow

Streamlining Development, Testing, and Deployment



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Introduction to Kemedar

- **The pioneering super app in proptech:** Kemedar stands at the forefront of the proptech revolution, integrating multiple services into a seamless user experience.
- **Multinational operations:** With a presence in 35 diverse countries, Kemedar addresses varying property market needs while engaging users in their preferred language.
- **Extensive property listings:** Offering millions of property listings, we leverage data to provide users with tailored property search experiences.



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The Need for a Robust Workflow

- **Navigating complexity:** Managing a global platform involves simultaneous coordination across various teams, requiring a well-defined workflow to keep progress in sync.
- **Enhancing collaboration:** A robust workflow fosters communication and cooperation among developers, crucial for maintaining quality and consistency.
- **Upholding quality assurance:** As we scale, assurance processes must evolve, ensuring all deployments meet high standards through consistent testing and review.
- **Ensuring future scalability:** To accommodate increasing user demands, our workflow must be adaptable and scalable, allowing features to expand without compromise.

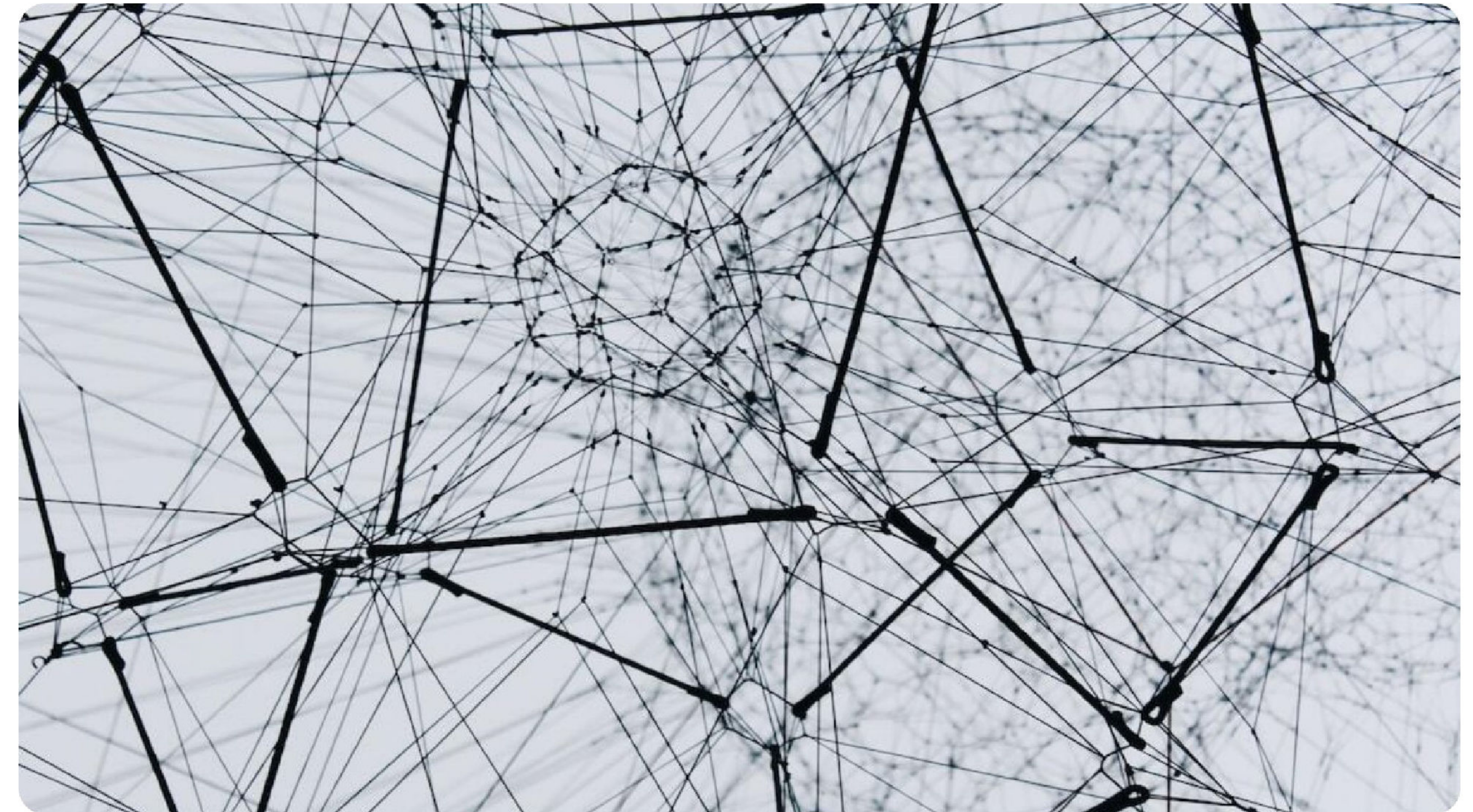


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Dev Stage

- **Emphasizing lightweight development:** The development environment is designed to minimize complexity, facilitating faster coding and testing cycles.
- **Utilizing example data:** Example data can help developers test features quickly, allowing for quick refinements and adjustments.
- **Incorporating a local database:** This allows developers to work offline and test their code without impacting live systems, enhancing productivity.
- **Git Branch: dev:** The development branch acts as a foundation where all new features and fixes initially reside before broader testing.

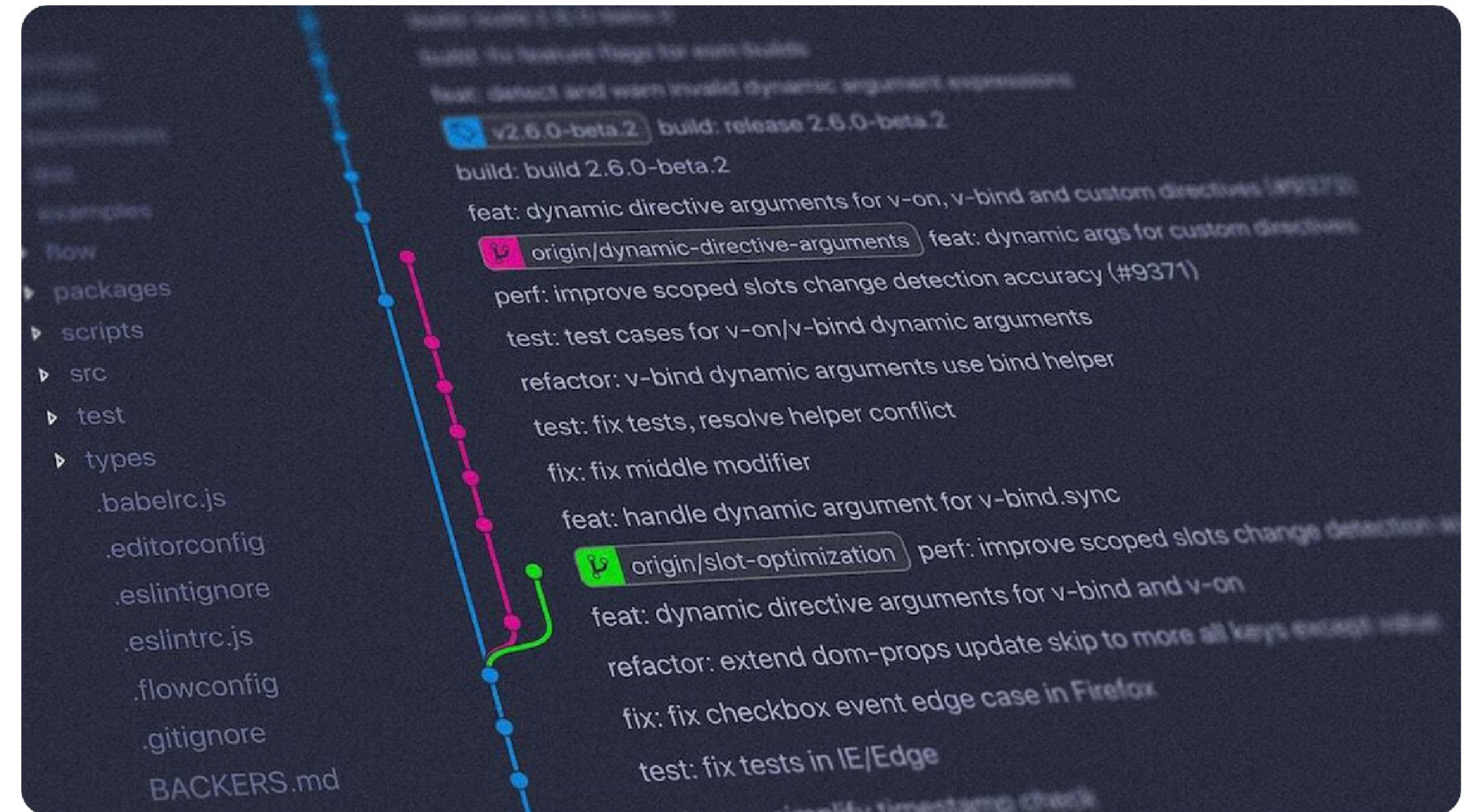


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Three-Stage Development Workflow



Development Stage

This initial phase focuses on lightweight coding practices to foster rapid iterations and flexibility.



Pre-Live Stage

During this phase, we conduct rigorous testing with live data to ensure functionality and performance under actual operating conditions.



Live Stage

In this final phase, we deploy our application to production, making it accessible to end-users while managing live database operations.

Pre-Live Stage



Testing with live data

Real data is integrated into the testing environment, helping to validate performance and stability effectively.



Utilizing latest scripts from dev branch

Incorporating the most recent features and fixes ensures that tests are relevant and up-to-date.



Connecting to a live database copy

This allows testing scenarios that closely mimic real-world interactions without impacting actual operations.



Git Branch: pre-live

Here, we consolidate all changes from the development phase, preparing for the transition to the live environment.

Live Stage

- **Deployment to production:** At this point, tested features are launched and made available to users, unlocking new functionalities and improvements.
- **Syncing code from pre-live branch:** This crucial step ensures that only verified code reaches the end-users, safeguarding the quality and stability of the live application.
- **Managing the live database:** Operational oversight ensures that changes in the application align with real-world data and interactions, maintaining user engagement.
- **Git Branch: main/live:** The main/live branch contains the stable version of the application, reflecting what users experience firsthand.

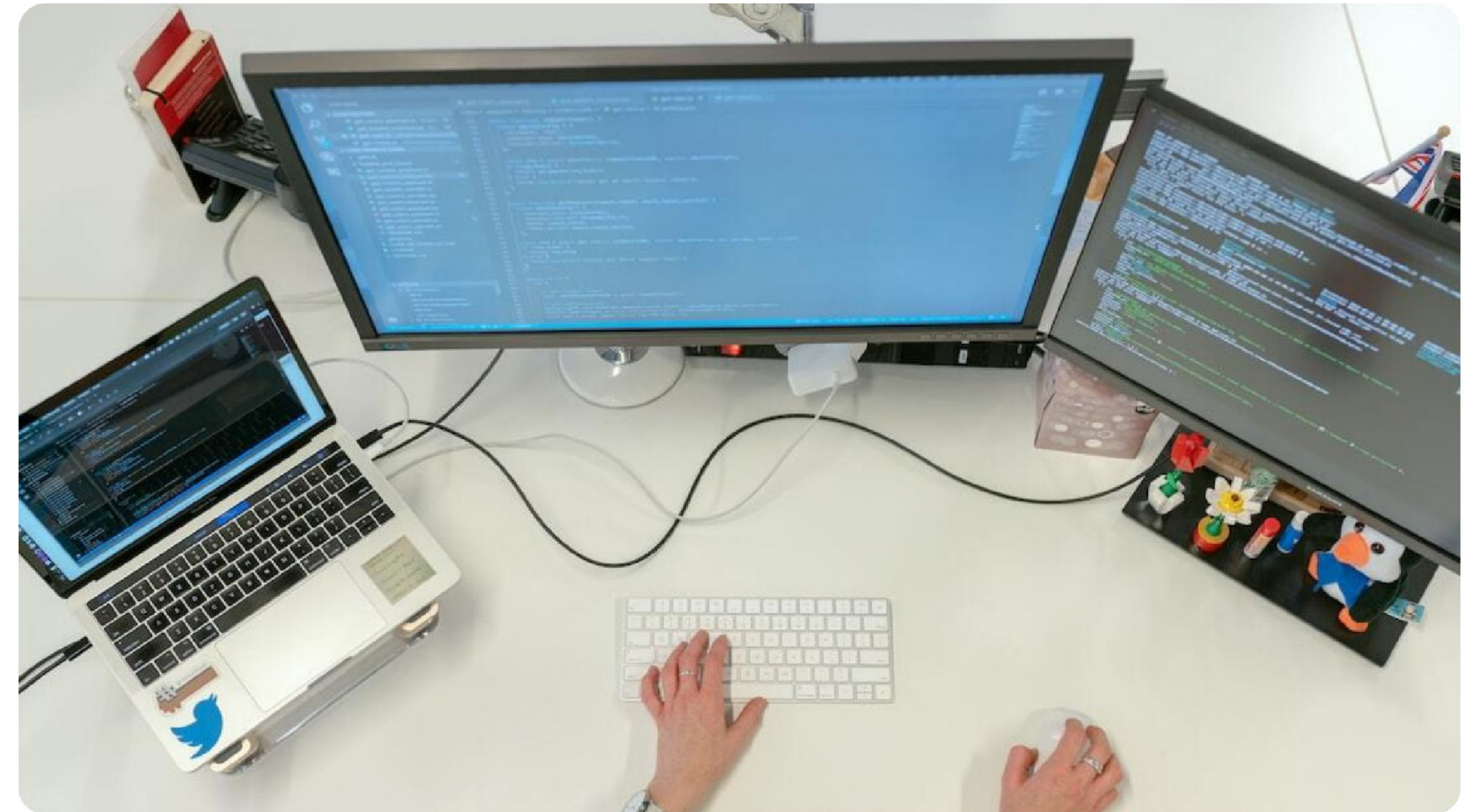


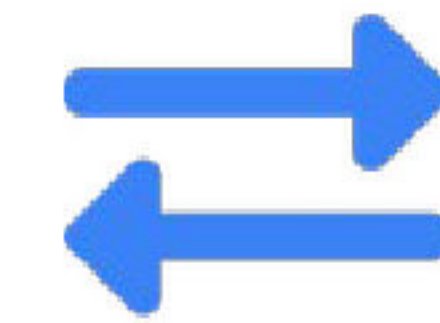
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Git Workflow



Establishing key branches

The workflow utilizes three branches: 'dev' for development, 'pre-live' for testing, and 'main/live' for production, facilitating organized progress.



Pull Requests for collaboration

This process allows developers to propose changes, fostering communication and collective review before integrating code into the live environment.



Managing gitignore configurations

Files that are not part of the scripts can be excluded from version control, streamlining the repository and reducing clutter.

Benefits of This Workflow

- **Maximizing efficiency:** Streamlined processes reduce redundancy, enabling rapid deployment of updates and features.
- **Ensuring reliability:** Consistent testing and pre-live verification substantially lower the risk of bugs reaching the end-users.
- **Facilitating scalability:** Adaptable workflows can easily incorporate new features and increase capacity as user demands evolve.
- **Achieving cost-effectiveness:** By minimizing downtime and maximizing developer productivity, resources are allocated efficiently, ultimately lowering costs.

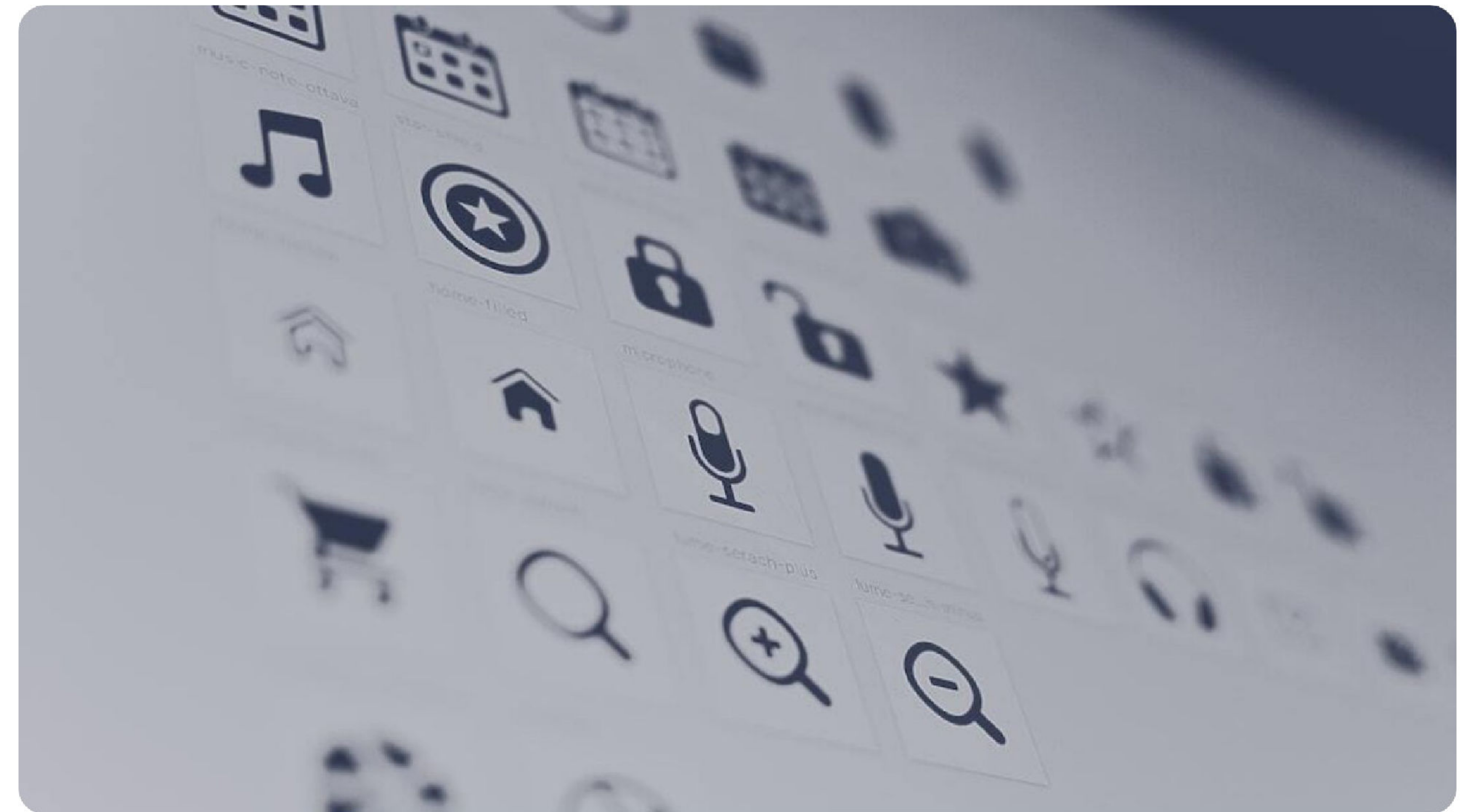
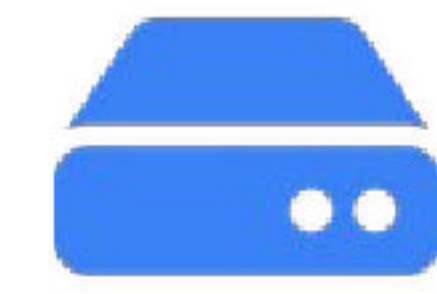


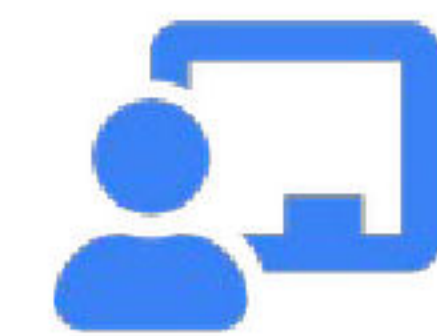
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Implementation Plan



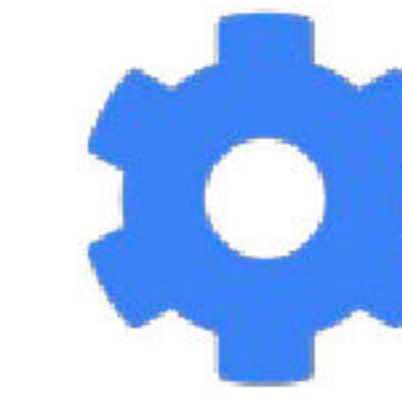
Setting up Git repositories

Creating organized and accessible repositories lays the groundwork for effective version control and collaboration.



Providing team training

Educating team members on workflow procedures promotes adherence and maximizes the benefits of the new system.



Configuring development environments

Standardized settings across teams ensure that developers work in consistent environments, reducing friction in the workflow.



Monitoring and optimizing workflow

Regular assessments provide insights for continued improvement, ensuring the workflow remains efficient and effective over time.

Call to Action



Join us in shaping the future of Proptech

Be a part of Kemedar's journey as we revolutionize how real estate operates in the digital age.



Support for exponential growth

Our innovative approach requires enthusiastic support and collaboration from all stakeholders as we continue to evolve our offerings.



Revolutionizing the proptech industry

Together, we can lead the charge, implementing groundbreaking solutions that redefine property technology.