

ChainCraft

**Blockchain-Powered No-Code
Development Platform: Innovating
Knowledge Sharing, Troubleshooting,
and Automation**



Abstract



Codeless Dev

- **Platform for no-code web development:** The abstract introduces a platform that enables both programmers and non-programmers to create applications without coding, using a graphical user interface and drag-and-drop functionality.
- **Auto-generate HTML and drag-and-drop features:** The platform offers an auto-generate HTML feature, allowing users to create websites effortlessly without writing code. It also includes drag-and-drop functionality for easy editing of source code.
- **No Code playground for creativity:** Users can utilize a No Code playground to bring their creative ideas to life by creating customized websites.

Abstract



Codeless Dev

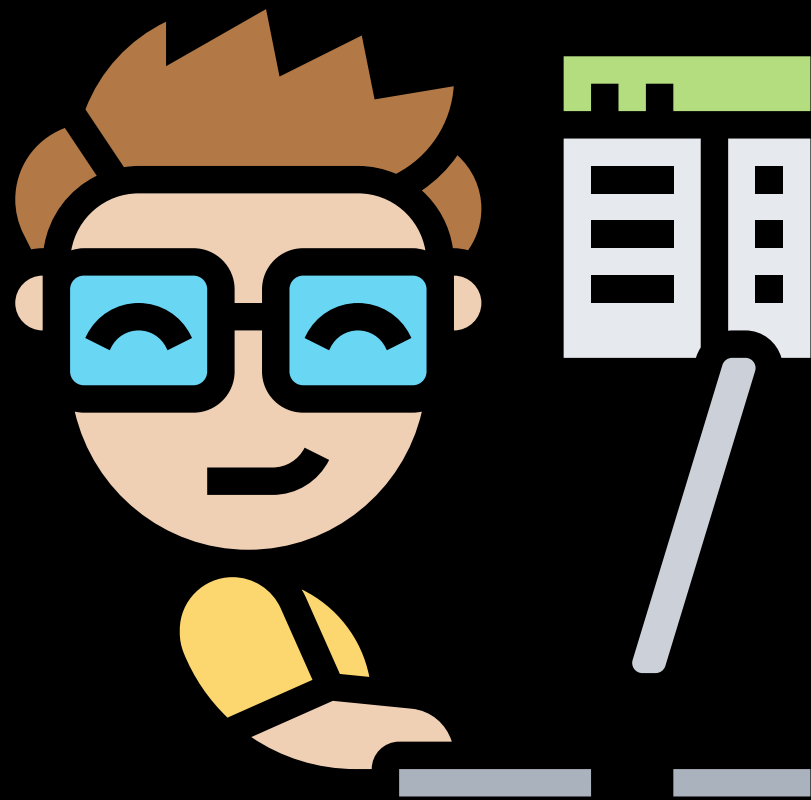
- **Knowledge-sharing blog and code generator:** The platform provides a knowledge-sharing blog where users can learn effective utilization of no-code tools and showcase their products. It also includes a code generator that generates code based on user queries, catering to users without coding knowledge.
- **Troubleshooting solutions for frontend and backend:** Troubleshooting solutions are available for both frontend and backend issues, supporting users throughout their development process.
- **No-code automatautomation testing and website downloading:** The platform integrates a no-code automation testing feature using JSON files, enabling users to create automated tests without manual coding. Users can also download websites by inputting the URL, given that the website is open source for security reasons.

Objective Of The Project



- **Accessibility:** Make web development accessible to a wider audience through a visual interface and drag-and-drop functionality.
- **Efficiency:** Streamline development with pre-built templates and components, saving time and effort.
- **Testing Automation:** Enable automatic testing using JSON files for reliable and efficient testing.
- **AI Integration:** Incorporate AI for dynamic and personalized content creation through randomly generated HTML templates.
- **Creativity and Knowledge Sharing:** Provide a No Code playground for users to experiment and showcase projects. Foster knowledge sharing through a blog section.
- **Support and Troubleshooting:** Assist users with solutions and guidance for frontend and backend issues.
- **Multi-Platform Support:** Enable development of websites, mobile apps, and desktop applications.

Features



Graphical User Interface: The platform offers a visual interface for web development, allowing users to build applications without writing code.

Drag-and-Drop Functionality: Users can easily edit and arrange elements on the interface by dragging and dropping them, simplifying the development process.

Auto-Generate HTML: The platform includes a feature that automatically generates HTML code, eliminating the need for manual coding and making website creation effortless.

No Code Playground: Users have access to a dedicated environment where they can experiment, explore, and bring their creative ideas to life without the need for coding.

Knowledge-Sharing Blog: The platform hosts a blog where users can learn effective utilization of no-code tools, share their projects, and gain insights from others in the community.

Features



- **Code Generator:** For users with limited coding knowledge, the platform provides a code generator that generates code based on user queries, assisting in the development process.
- **Troubleshooting Solutions:** The platform offers solutions for troubleshooting both frontend and backend issues, helping users overcome challenges during development.
- **No-Code Automation Testing:** Users can create automated tests using JSON files, enabling them to test their applications efficiently without manual coding.
- **Website Downloading:** Users can download websites by inputting the URL, provided they are open source for security reasons.
- **Multi-Device Support:** The platform caters to the development of websites, apps, and desktop applications, allowing users to create applications for different devices.
- **Empowering Non-Programmers:** The primary objective of the platform is to empower individuals with limited coding knowledge to efficiently create innovative applications using the no-code development approach.

TECHNOLOGY STACK

01

FRONTEND

- HTML
- CSS
- Tailwind

02

BACKEND & FRAMEWORK

- PYTHON
- DJANGO
- JavaScript
- Ajax
- Grape Js

03

DATABASE

- MySQL
- ORM
- MongoDB

04

DOMAINS USED

- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING

Reduced problems



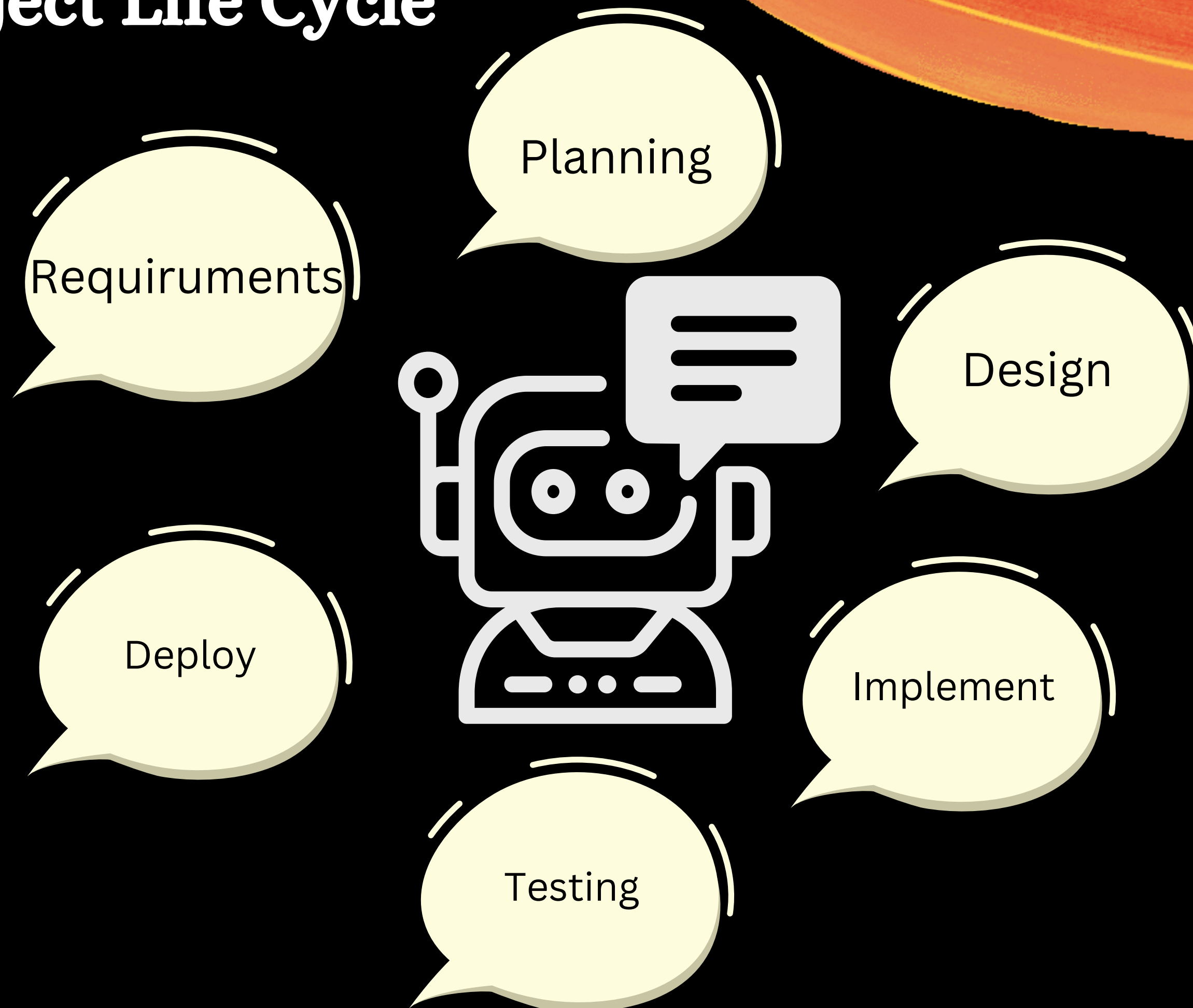
- **Technical Barriers:** The platform eliminates coding requirements, making web development accessible to individuals with limited coding knowledge.
- **Time and Effort:** Features such as drag-and-drop functionality, pre-built templates, and automated testing streamline the development process, saving time and effort.
- **Learning Curve:** The visual interface, No Code playground, and knowledge-sharing blog help users learn and overcome the challenges associated with coding.
- **Testing Complexity:** The no-code automation testing feature simplifies the testing process, ensuring application quality and reliability.
- **Troubleshooting Assistance:** Troubleshooting solutions are provided for frontend and backend issues, minimizing development roadblocks.

Reduced problems

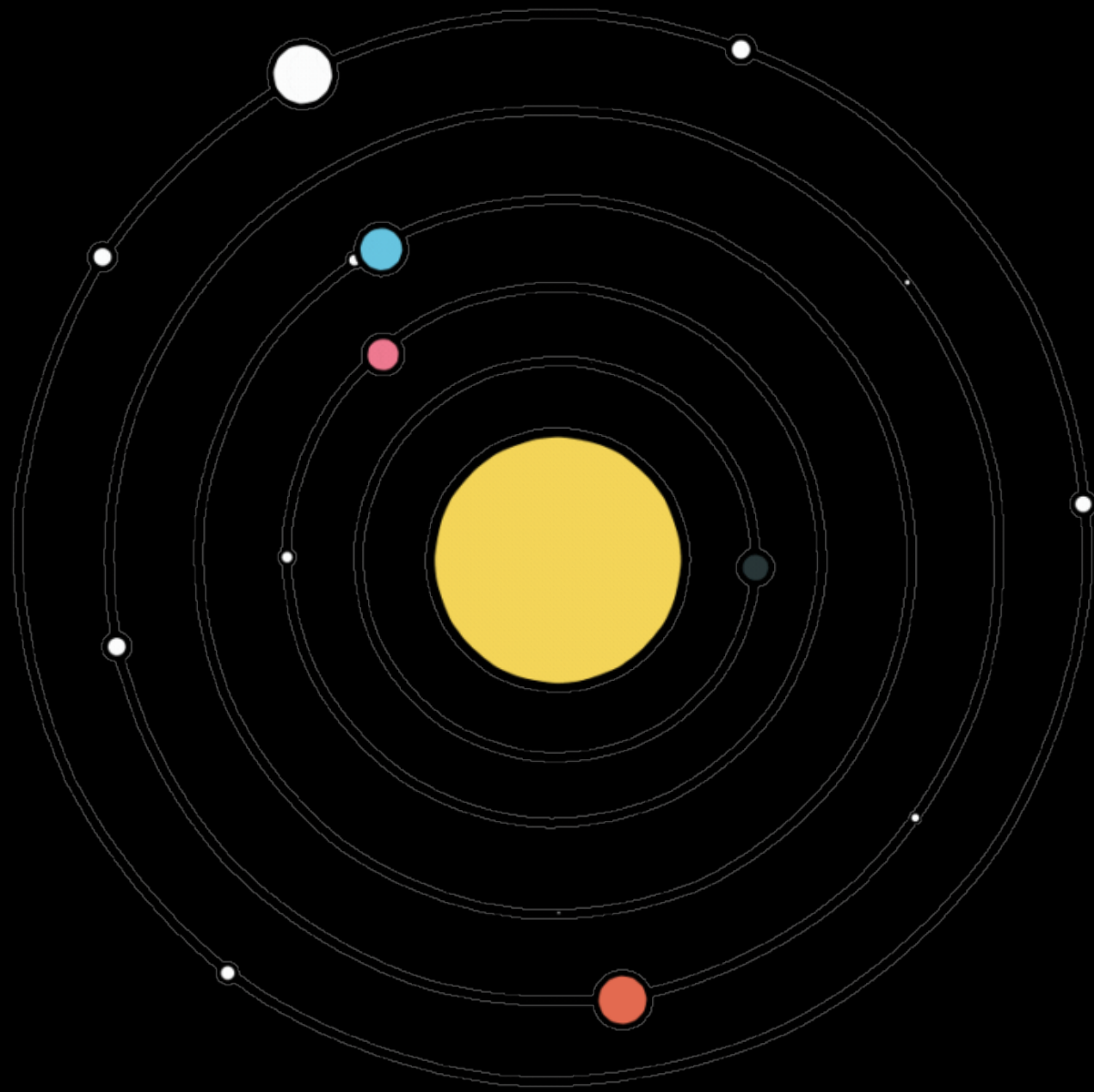


- **Limited Resources:** AI integration allows users to generate dynamic and personalized content without extensive resources or coding expertise.
- **Platform Limitations:** Support for multi-platform development (websites, apps, and desktop applications) provides flexibility for users to create applications on different devices.

Project Life Cycle



Existing System



- No-code platforms help startups launch websites, workflow automations, and apps quickly.
- No-code solutions enable startups to create without coding.
- No-code solutions are ideal for startups, freelancers, and small businesses.
- No-code solutions streamline development and reduce costs.

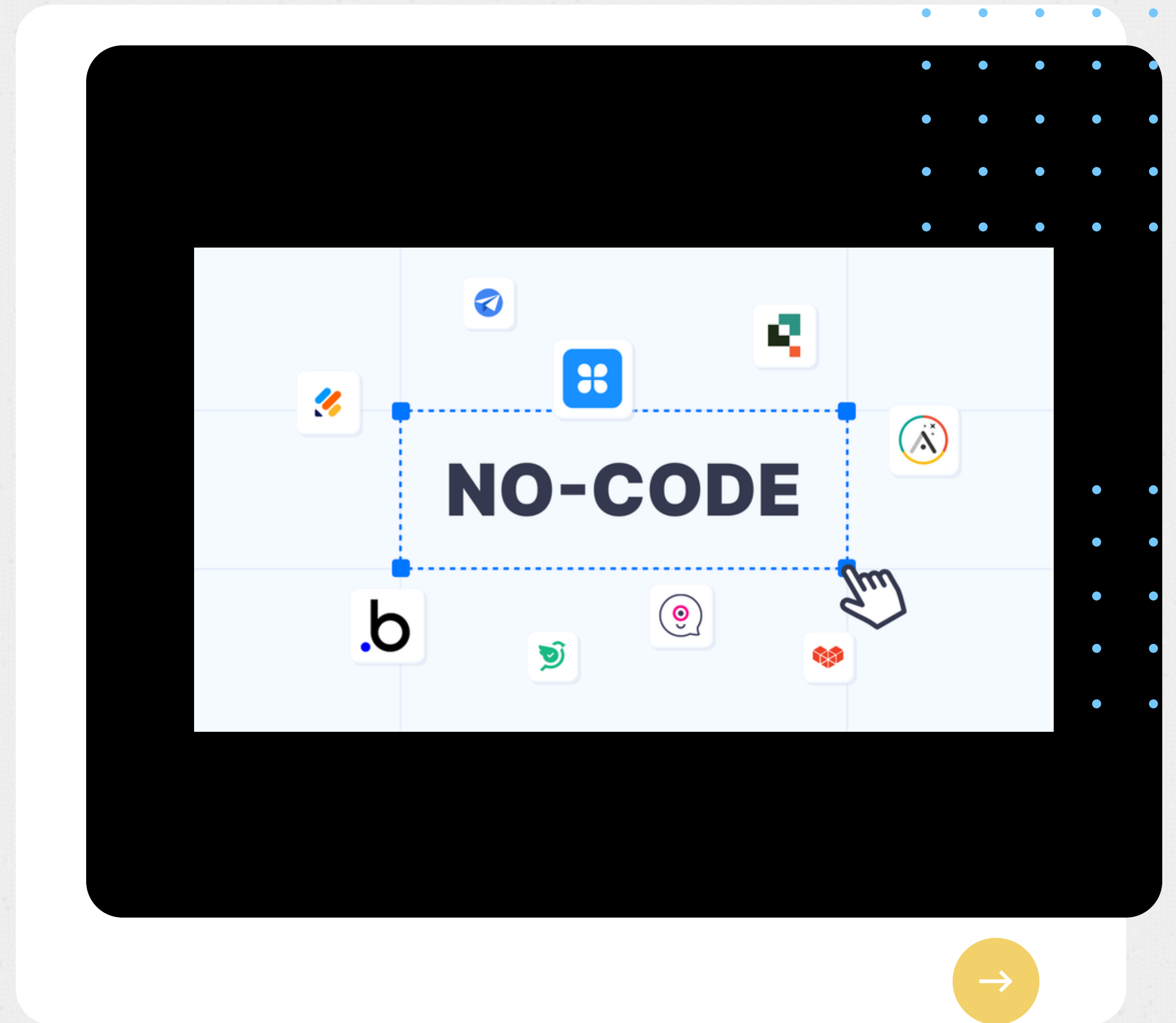


Existing Application



ICME

BILDR



Future Prospects



- No-code applications in web3 can **increase accessibility** to decentralized application (dApp) development.
- These platforms can **speed up dApp development** by providing drag-and-drop tools and pre-built templates.
- No-code applications in web3 can **reduce development costs**.
- No-code applications in web3 can **empower non-technical users** to participate in the blockchain industry.
- No-code applications in web3 can **increase the speed and efficiency of dApp development**.





THANK YOU