

Programming Boot Camp

What is No-Code Development?

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What is No-Code Development?

No-Code development is the development method of apps and web services without writing code in a programming language.

Compared to traditional application development (scratch development) writing code in a programming language, No-Code development can often develop an application in a shorter amount of time.

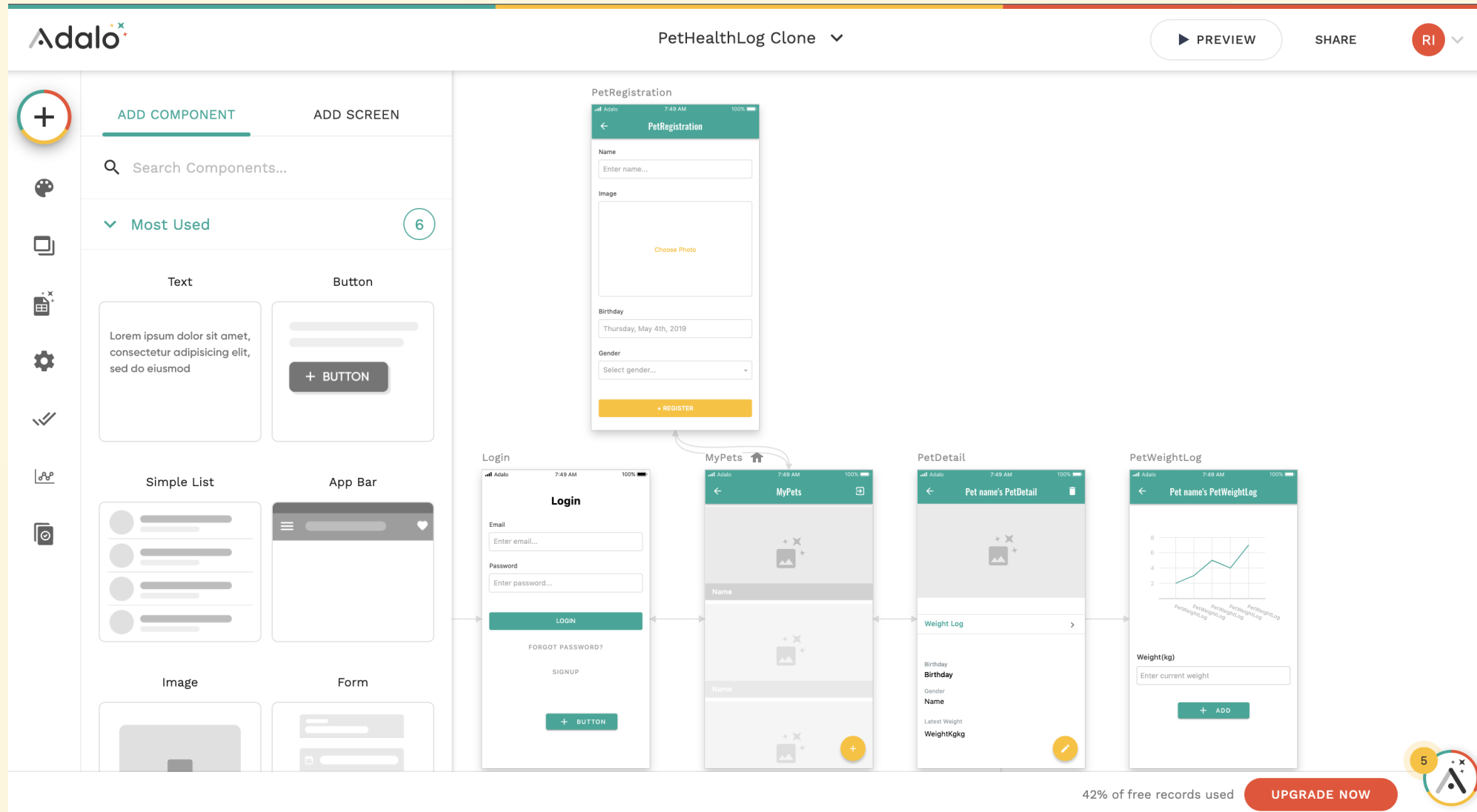
Even if you are not an engineer with programming knowledge, No-Code development makes it possible to create an app.

There are many tools available for No-Code development.

Each of them has different features, but they all have in common the idea of making it easy to develop an application as imagined without writing any code. Many tools allow you to create screens by combining ui components by drag and drop, allowing you to develop apps intuitively.

Many No-Code development tools also provide an environment for running the developed app, so you can check the operation immediately after modifying it and proceed with development quickly, repeating trial-and-error quickly.

This is screen image of Adalo.



Advantages and Disadvantages of No-Code development

Advantages

- No programming knowledge required
- No cost to order engineers
- Fast development of apps.

Disadvantages

- When you want to do something complicated, it may be difficult to do.
 - While No-Code development tool's simple functions allow us to develop apps easily, there is a limit to what we can do compared to traditional development writing code. (In some cases, this can be solved by combining multiple No-Code development tools.)
- You will be dependent on the No-Code development tool you use.
 - Depending on the tool you use, there may be restrictions on design, functionality, etc. Also, if the tool is no longer in service, you will be forced to stop your service (or not be able to modify your app anymore).

Why No-Code Development?

- Because it is possible to develop a prototype that can actually be operated by users without spending a lot of time or money, and it is a quick and easy way to validate service ideas.
- Compared to traditional application development, there are fewer points at which you get stuck, so it is easier and more enjoyable for beginners 😊

What kind of No-Code development tools are available?

I mentioned earlier that "there are many tools available for No-Code development" but how many are there?

The NoCode Chaos Map created by the NoCoders JAPAN Association listed 155 tools (on my count).

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ビジネスアプリ

salesforce, AppSheet, Google Sheets, Airtable, Power Apps, Forguncy, Zoho, Works, AppMaster.io, DronaHQ, Betty Blocks, UI Bakery, Querier, Retool, kintone, Pleasanter, EasyCSV, backendless, Claris, JUST.DB, coda, SmartDB, SPIRAL, Exment, servicenow, UnitBase, SCALE CLOUD, GeneXus, PEGA, CELF, ZeroOne, WebPerformer, mendix, Magic' xpa, Framework3

Webサイト

WordPress, ferret One, ペライチ, Dwnd, SHIRAHARA, WIX, STUDIO, strikingly, Stacker, Carrd, Wraptas, webflow, BlueMonkey, softtr, 8b, PORY, KARTE, bx, BuilderX

業務自動化

make (formerly Integromat), zapier, Anyflow, ActRecipe, Reckoner, cdata, Cloud BOT, workato, KAMINASHI, Asterio, warp, Magic' xpi, PARABOLA, automate.io, IFTTT, sheet2api, DataSpider Cloud

テスト自動化

Autify, SmartQA, Magic Pod, Techtouch

学習

No Coders JAPAN Association, NoCodeCamp, idemo, NOCODE SCHOOL, LikePay Academy, .dev, センリョク, ゼロイチ

モバイルアプリ

Adalo, Monaca, yappli, CRAYON, Joint Apps, Magic Instructions, appsule, Bravo, Appify

IoT / AI

Gravio, ifLink Open Community, MENOU, lobe, LEVITY, IDEA, obvi'ously.ai, MatrixFlow, Neural Network Console

顧客管理

チャットボット

Chat Plus+, hachidori, CHAT, hitobo, anybot, COTOHA, kuzen, SYNALIO, KARAKURI, Chat DealerAI

フォーム

formrun, Google Forms, FormMailer, フォームメーカー, formzu, SECURE FORM, mailchimp, Typeform, JotForm

モバイルアプリメイン

UNIFINITY INC., Platío, glide, thunkable, AppGyver, Click

EC / D2C

shopify, BASE, MakeShop, stripe, ARCADIER, gumroad, CX ORDER, COLOR ME, MemberSpace, SQUARESPACE, TéP

VR/AR/3D

ROBLOX, BUILDBOX, MINSAR, palanAR

受託開発 / 人材マッチング

NOCODO, NOCODOBiz, reve, Swooo, FastAPP, Sketto, Sales Renovation, sowacana, BOLT, Walkers, ノーコードラボ, pakeji, i-enter corporation

With so many tools, you may be at a loss as to which one to choose. The key to choosing the right one is to think about what you want to create, because each No-Code development tool has different type of app that is easy to create.

Examples:

- Mobile app
- Web app
- Website
- E-commerce site
- Business efficiency tools

Introduction of No-Code Development Tools used in Programming Boot Camp.

In the Programming Boot Camp, we will learn two No-Code development tools.

- Adalo
 - Adalo is easy to use and can easily develop simple mobile apps.
- Bubble
 - Bubble has a lot of features and can be used to create a variety of apps, but it is a bit difficult to use.

First, we will experience No-Code app development with the easy-to-understand Adalo. Next, We will learn how to use the versatile Bubble.

Then, let's move on to the lecture of Adalo!