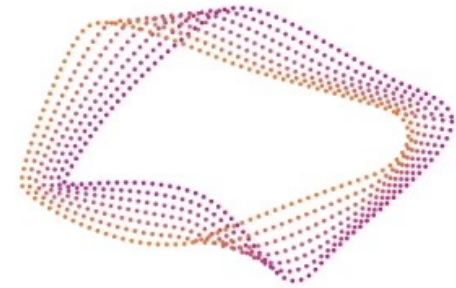


# Airbase

SGTS Learning Event

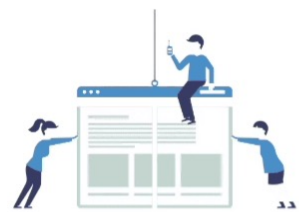


**GOVTECH**  
SINGAPORE

# Prototype in hours

The fastest, easiest way to deploy applications to the Government Commercial Cloud.

[Learn More](#) [Get Started →](#)



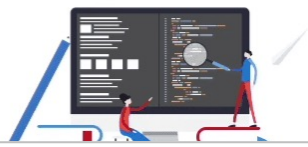
## Maximum Leverage

Take full advantage of the best practices and standards that the industry has to offer. Select the right technologies to serve the customers both today and tomorrow.

[See All Templates](#) [Next.JS + Typescript →](#)

## In three, two, one.

Launching an application has never been easier. Designs and experiences come to life the moment your code is ready.

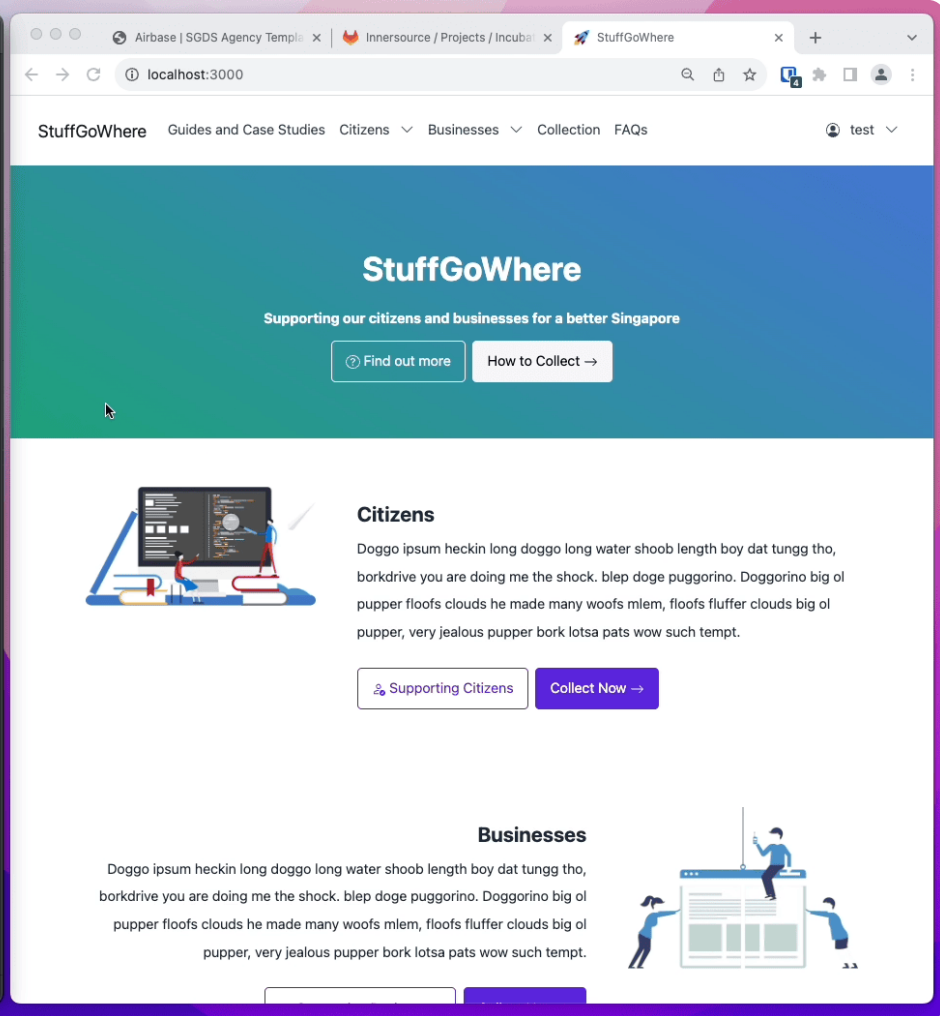


```
sgds-agency-template main dev
Project
  sgds-agency-template
    .airbase
      airbase.link.json
    components
    lib
      config.ts
    node_modules library root
    pages
      api
        auth
          [...nextauth].ts
          hello.ts
      guides
        _app.tsx
        businesses.tsx
        citizens.tsx
        collection.tsx
        faq.tsx
        index.tsx
        signin.tsx
        wizard.tsx
    public
      App.css
      bg_people.png
index.tsx
1 import type {NextPage} from 'next'
2 import Head from 'next/head'
3 import {Button, Col, Container, Row} from '@govtechsg/sgds-react'
4 import {BRAND_NAME, ORGANISATION_NAME} from '../lib/config';
5 import {LandingPageLayout} from '../components/layouts/LandingPage'
6 import withLink from '../components/WithLink';
7 import Image from 'next/image';
8 import bg_people from '../public/bg_people.png';
9 import construction from '../public/img_construction.png';
10 import banner from '../public/homepage-banner.png';
11 import {ArrowRight, CardCheckList, Compass, People, PersonCheck, }
12 import {Stack} from 'react-bootstrap';
13
14 const Home: NextPage = () => {
15   const title: string = `${BRAND_NAME}`
16   return <>
17     <Head>
18       <title>{title}</title>
19       <meta name="description" content={title}/>
20       <link rel="icon" href="/favicon.ico"/>
21     </Head>
22     <LandingPageLayout>
23       <div className="has-background-gradient">
24         <Container className="p-5">
25           <Row className="py-md-5">
26             <Col>
```

Run dev

```
- event compiled successfully in 11 ms (104 modules)
- wait compiling...
- event compiled client and server successfully in 161 ms (2568 modules)
When server rendering, you must wrap your application in an <SSRProvider> to ensure consistent ids are generated between the client and server.
When server rendering, you must wrap your application in an <SSRProvider> to ensure consistent ids are generated between the client and server.
- wait compiling /api/auth/[...nextauth] (client and server)...
- event compiled successfully in 26 ms (104 modules)
```

sgds-agency-template > pages > index.tsx > Home() TypeScript 5.0.4 15:21 LF UTF-8 2 spaces



Draft: feat: demo gitlab-ci pipe x

sgts.gitlab-dedicated.com/incubating/projects/incubating/sgds-agency-te...

### Draft: feat: demo gitlab-ci pipelines

Elliot Lim requested to merge demo/gitlab-ci into main 2 minutes ago

Overview 0 Commits 1 Pipelines 1 Changes 3

0 Assignees  
None - assign yourself

0 Reviewers  
None - assign yourself

Labels  
None

Milestone  
None

Time tracking  
No estimate or time spent

1 Participant

Pipeline #1724532 running for ee292c4 on demo/gitlab-ci

Deploying to review/demo-gitlab-ci

Approval is optional

Merge blocked: Select Mark as ready to remove it from Draft status.

Mark as ready

Merge details

- 1 commit and 1 merge commit will be added to main.
- Source branch will be deleted.

#### Activity

Sort or filter

Preview

Write a comment or drag your files here...

Switch to rich text editing

Comment Close merge request

Airbase | SGDS Agency Template x StuffGoWhere x GitLab CI Demo x

console.airbase.sg/incubating/agency-test

Airbase / Incubating / SGDS Agency Template agency-test

Documentation User

# SGDS Agency Template

Overview

Overview Settings View Logs Deploy

Environments

Deployments

Logs

Settings

Production

demo-gitlab-ci

Status: deploying

deploying

URL Actions

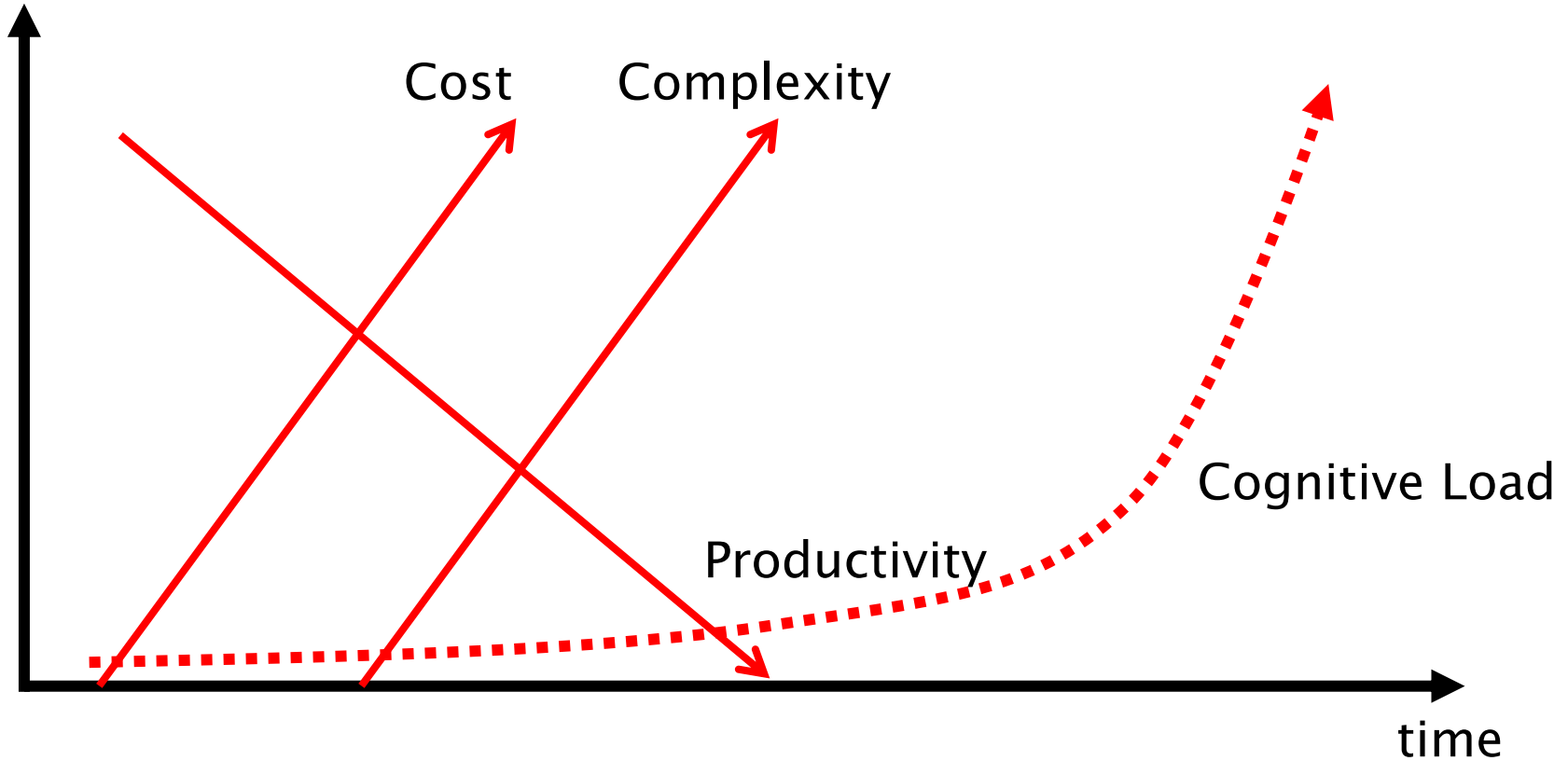
URL Copy View Environment Logs Details

main

"Speed is irrelevant if you are going  
in the wrong direction."

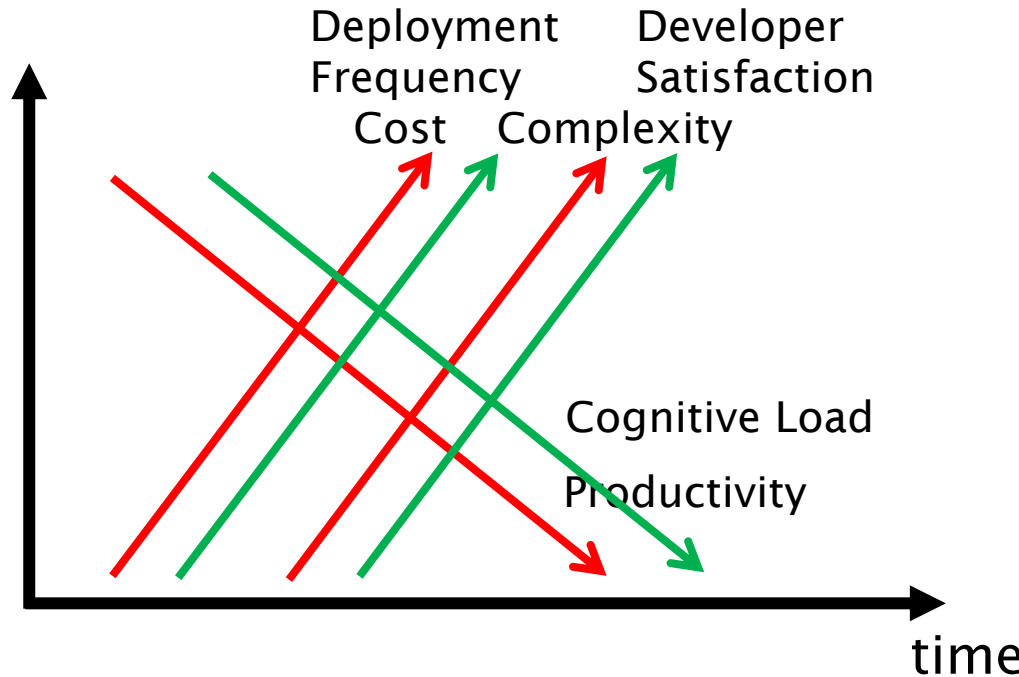
- Mahatma Gandhi

# Project(s) vs. Time



# AWS Services Evolution

blog.bytebytego.com



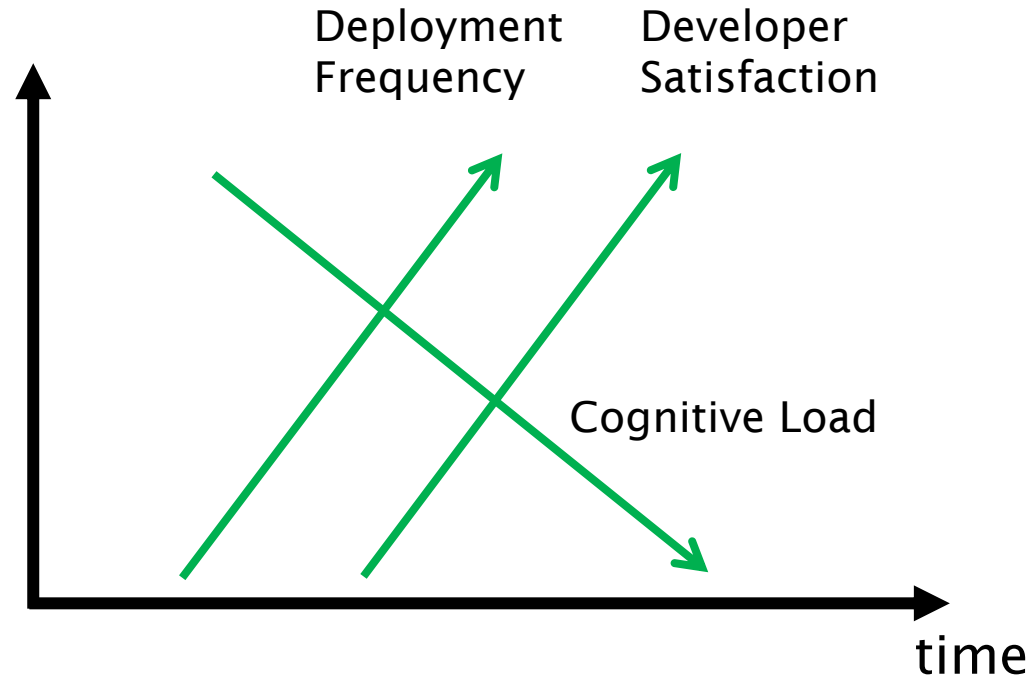
# SGTS Runtime

Time to *run* fast.  
in the **right** direction.

Airbase

Container Stack

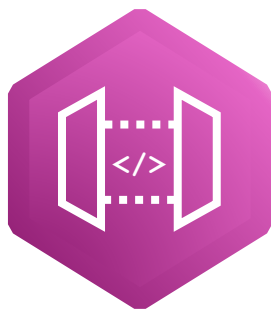
Secure IaC (Terraform)

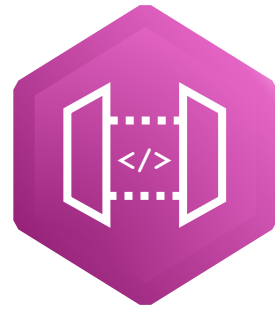
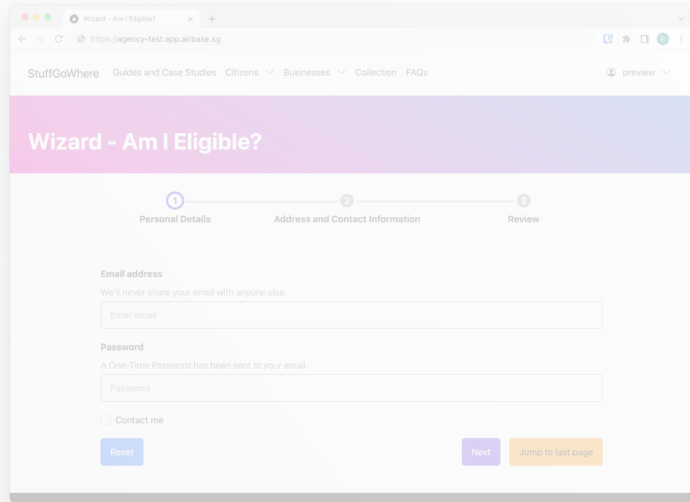




# How to build a demo

A.D. 2023

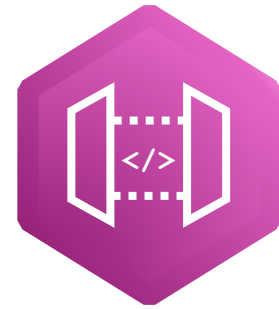




20





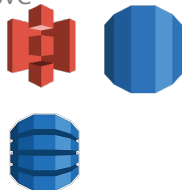
engineering hours

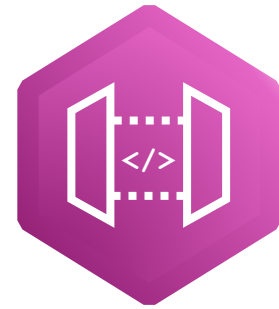
Web	GUT
App	IT
DB	SVC



40






engineering hours

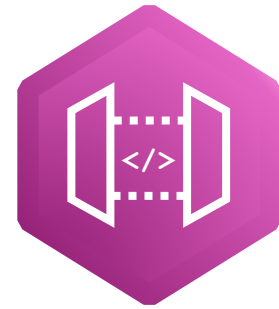
<p>Web</p> 	<p>GUT</p> 
<p>App</p>	<p>IT</p> 
<p>DB</p> 	<p>SVC</p> 



60

engineering hours

<p>Web</p> 	<p>GUT</p> 
<p>App</p>   <p>Flask</p>	<p>IT</p>  
<p>DB</p> 	<p>SVC</p>   



80

engineering hours



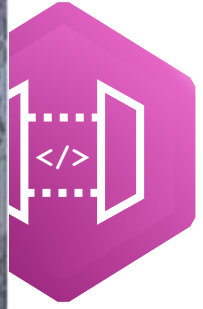
VAPT



DB

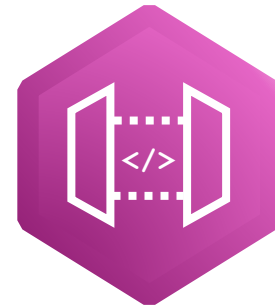
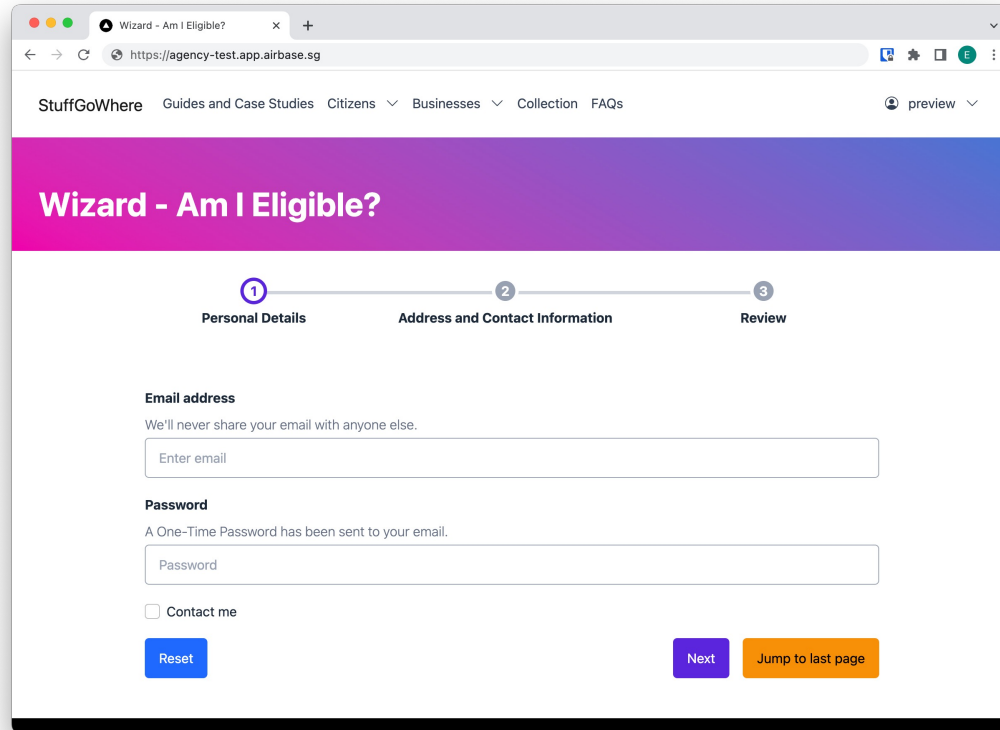


CO



???

opening hours



20

engineering hours



# What do engineers want?

*Spend lots of time and money on web hosting  
Monthly OS patching and Annual Vuln Assessments  
RFQs and ITTs for basic services*

# What do engineers want?

Content Repository

Articles  
Features  
Wizards  
Images  
FAQs  
etc.



Web App

<https://this.agency.gov.sg>

# What do engineers want?



Build Fast, Hot-Reload, Rapid Iterations

# What do engineers want?



Shareable Previews and Fast Feedback

# What do engineers want?



One-click Deployment

# What do engineers want?



Focus on the business domain and value delivery

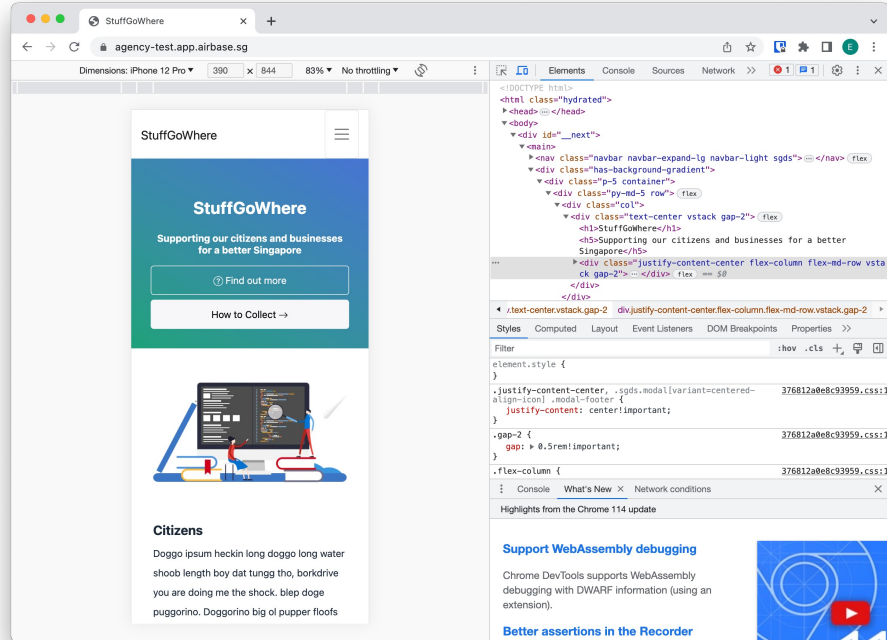
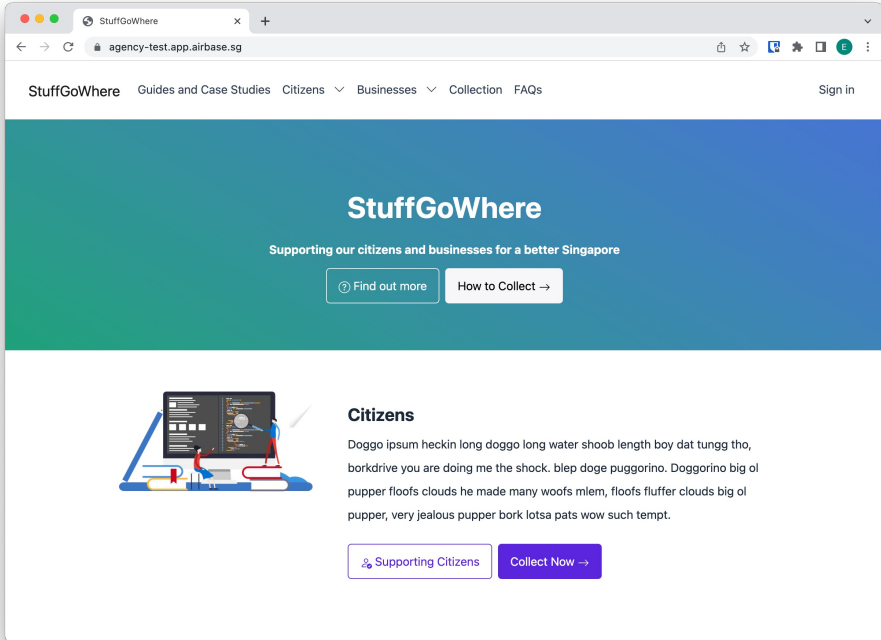
airbase

# Prototype in Hours



# Prototype in Hours Feedback in Minutes

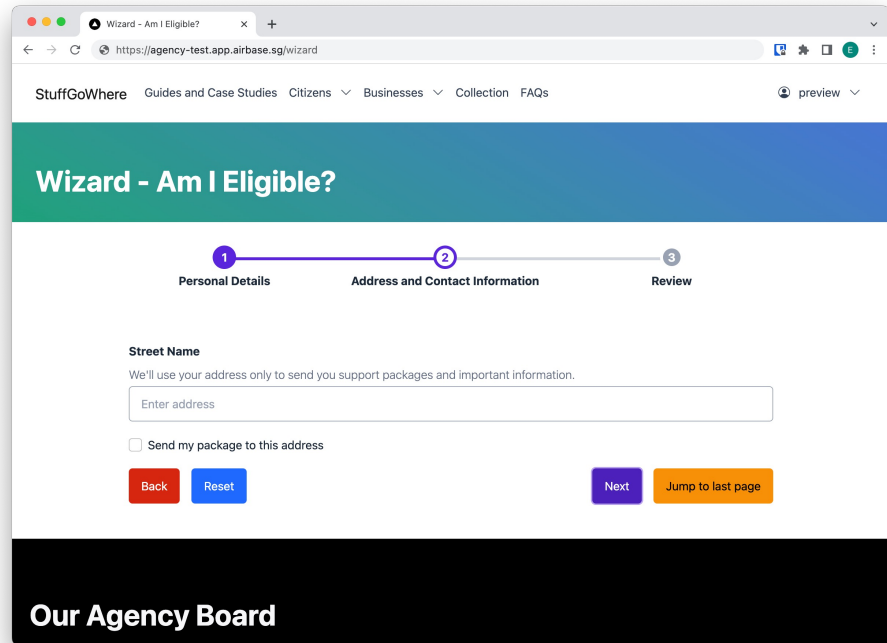
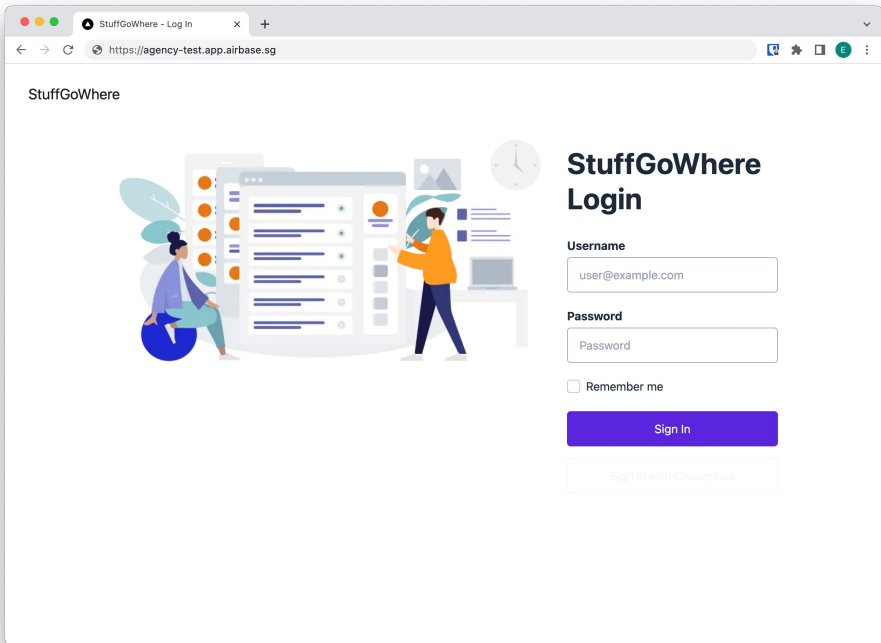
Prototype in Hours  
Feedback in Minutes  
**Deploy in Seconds**



Prototype in Hours

Feedback in Minutes

Deploy in Seconds



Prototype in Hours

Feedback in Minutes

Deploy in Seconds

The screenshot shows a code editor with a file explorer on the left. The file explorer shows a project structure with folders like 'guides' and 'public'. The main editor area shows a file named 'index.mdx' with content including a heading '# Guides', a paragraph '{BRAND\_NAME} helps citizens and businesses in Singapore to create uplift for all.', and a list of steps: '1. Sign up for SingPass' and '2. Update your address'. Below the editor is a terminal window showing the output of a build command: 'Successfully built agency-test!'. The terminal also shows file sizes for 'chunks/pages/\_app-1dda41818805720b.js' (59.1 KB), 'chunks/webpack-c2e7a2822ed4dce6.js' (1.82 KB), and 'css/85fd0acb47ecc96d.css' (42.1 KB).

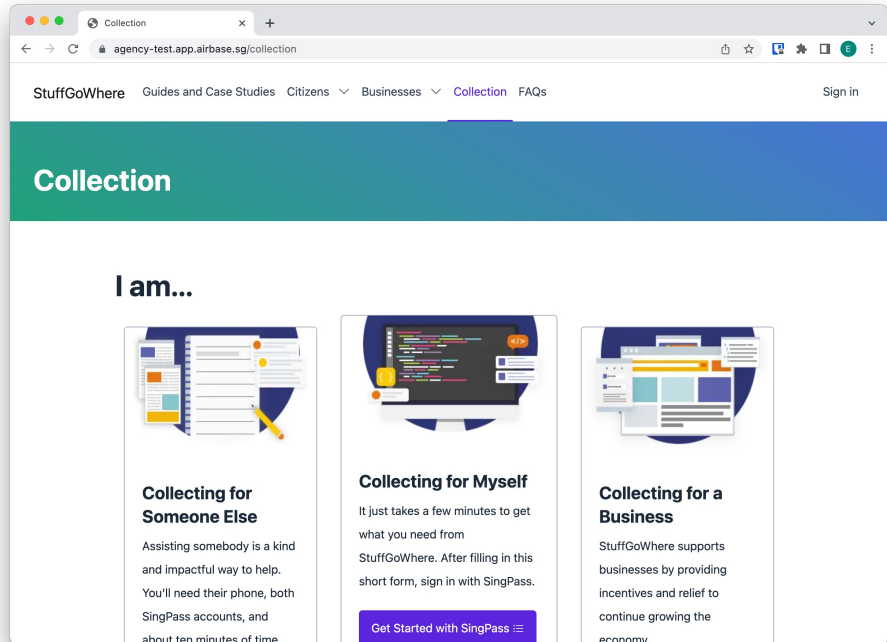
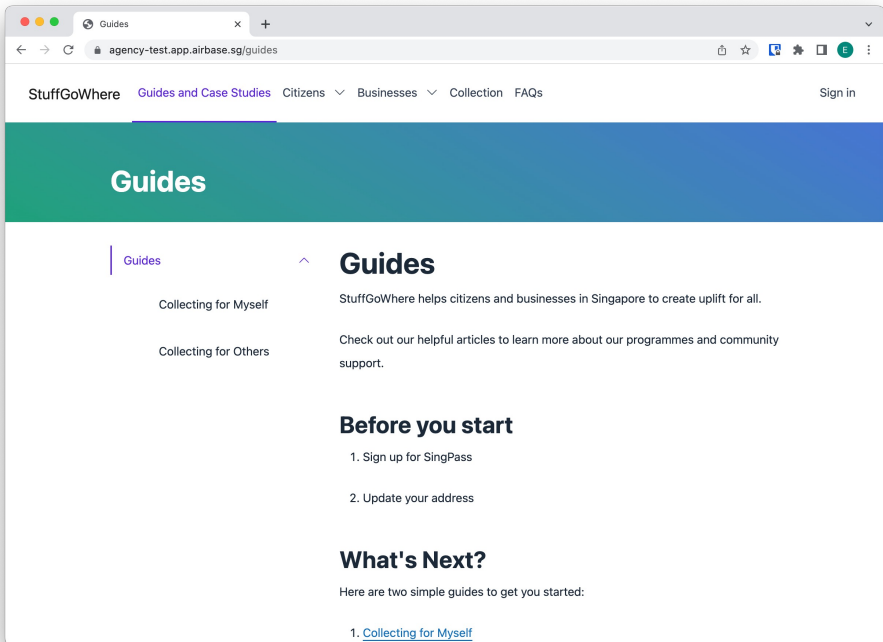
The screenshot shows the GitLab Pipelines interface for a project named 'sgds-agency-template'. The interface displays a list of pipeline runs with columns for Status, Pipeline, Triggerer, and Stages. The pipeline runs are as follows:

Status	Pipeline	Triggerer	Stages
passed	fix: update dependencies on 2023-07-20 #1370156 b4971239	latest	3 green checkmarks
failed	fix: update dependencies on 2023-07-20 #1370041 b4971239	latest	3 stages: 2 green checkmarks, 1 red X
passed	Temporarily allow failure of report generation #1194730 main	0b4a398d	5 green checkmarks
failed	chore: update gitlab ci/cd with maturity report #1192088 main	43d46c32	5 stages: 4 green checkmarks, 1 red X
passed	feat: demo for devconsole #1149968 feat/devconsole	9577eba6	3 green checkmarks

Prototype in Hours

Feedback in Minutes

Deploy in Seconds



Prototype in Hours    Feedback in Minutes

Deploy in Seconds

# Live Demo

# Early Access

[go.gov.sg/airbase](https://go.gov.sg/airbase)

Reserve your account and handle today!  
Join us on GDS Slack at #airbase

