

PASSWORDLESS MFA SYSTEM: SAAS ENHANCEMENT

Datasheet

Project objective

Deploy NoPass in clouds to ensure its installation for customers by one tap. Create reliable SaaS (Software-as-a-Service) version of the product to allow our client's customers to operate the tool seamlessly, while getting rid of physical servers.



Result

The delivered SaaS (Software-as-a-Service) version of NoPass is an easy to deploy and use cloud authentication solution that acts like an identity provider. It is provided with full set of functions to be used within cooperative environment and marketplaces. Customers can create their campaigns, workspaces, connect services in their profile in cloud. This approach syncs user accounts in one place, allowing administrators to see all the user accounts and their history. Thus, we can realize synchronization by excluding backups, restores, and other clouds from this process.

Scope of work

- ❖ Deploy NoPass on the cloud server on Amazon Web Services (AWS);
- ❖ Implement possibility of payment, possibility of purchasing subscriptions, and synchronization with other devices;
- ❖ Develop CI/CD service for deploying the app on both physical and virtual servers without rewriting URLs;
- ❖ Check performance, expansion possibilities, failsafe nature and high availability 24/7;
- ❖ Implement 300 automation tests to check UX of the whole system, including the website and mobile phones;

Activities

- ❖ CI and CD setup
- ❖ Publishing in cloudst
- ❖ Functional and acceptance testingt
- ❖ Automation testingt
- ❖ Regression testing
- ❖ Smoke testing

About the project

Technologies

- GitLab CI/CD
- AWS
- EC2
- ESC
- RDS
- Cloud Watch
- ElastiCache
- Route53
- Apple Store
- Testflight
- Google Play
- Firebase
- Crashlytics



Project size

- 1 Technical Coordinator
- 1 Project Manager
- 1 Business Analyst
- 1 Software Architect
- 6 Software Engineers
- 2 DevOps Engineers
- 1 QA Engineer
- 1 Graphic Designer
- 1 Technical Writer
- 1 Technical Assistant

Duration



27+ months
From September 2020

Platforms

- iOS
- Android
- Linux
- Windows
- macOS