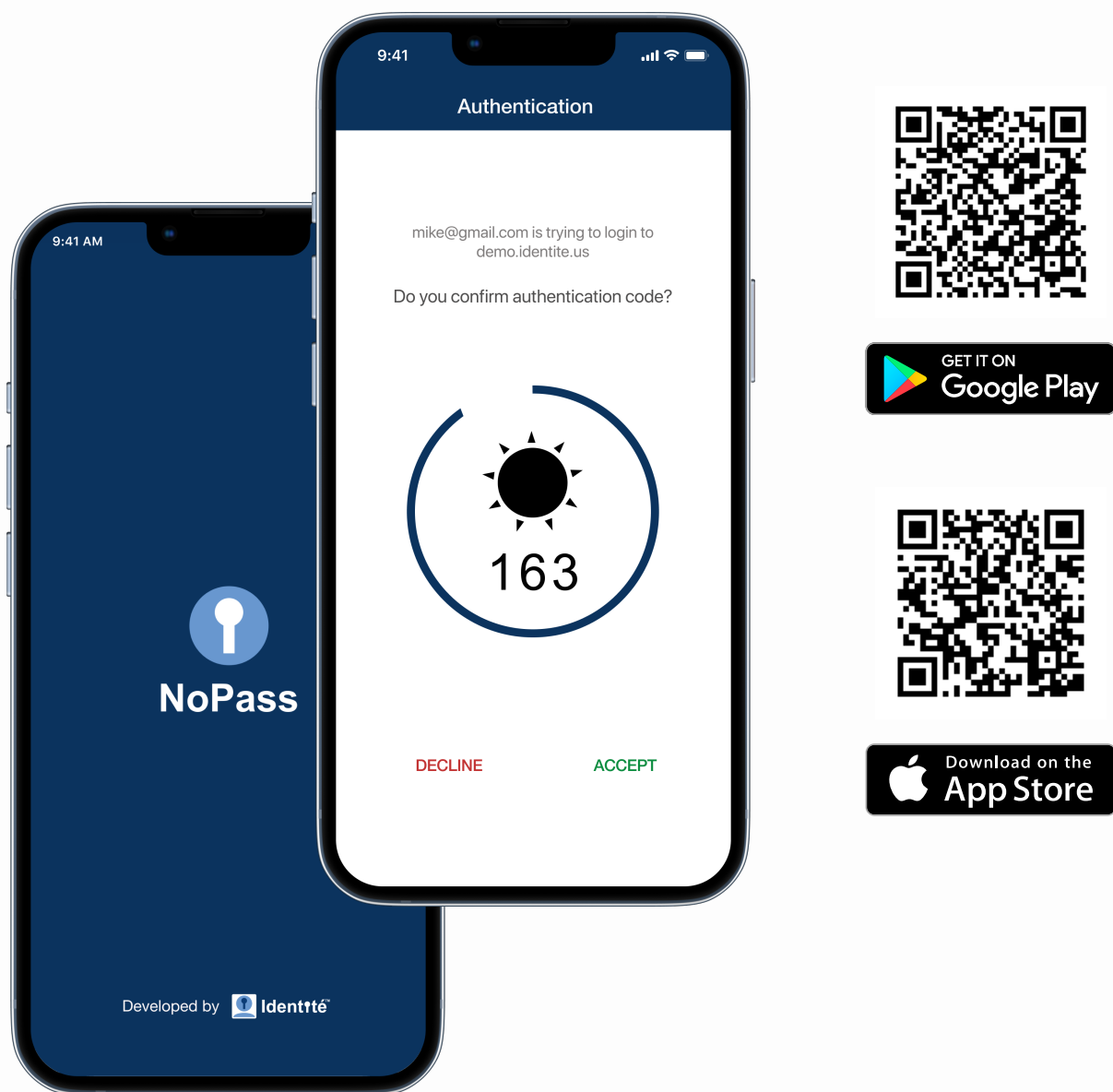


# PASSWORDLESS MFA SYSTEM: WEB & IT INFRASTRUCTURE DEVELOPMENT

Datasheet

# Project objective

Develop server infrastructure to provide the operation of the application, test and deploy its versions, demo shows, and store customer data. Develop a platform (website) for online sales of the NoPass.



# Result

The solution is provided with all the necessary infrastructure and ready for e-commerce sites, workplace and business applications, financial, healthcare, and government use. The full and relevant information about NoPass solution is presented on the website.

## Scope of work

- ❖ Develop a website on Wix platform for the authentication solution and provide graphical and UI/UX design;
- ❖ Implement a physical server including server backend communicating with all the sections of the application;
- ❖ Deploy several websites to test the solution, iOS/Android mobile applications, administrator Portal for managing the websites and their users on the physical sever;
- ❖ Deploy the solution in the dedicated cloud server (AWS) to be used by the company's sales team for demos;
- ❖ Publish 4 products on AWS Marketplace;
- ❖ Develop CI/CD service to allow the opportunity to deploy the app in any environment;

## Activities

- ❖ Website development
- ❖ Design activities
- ❖ IT infrastructure deployment
- ❖ CI and CD setup
- ❖ Publishing in clouds
- ❖ Functional and acceptance testing
- ❖ Automation testing
- ❖ Regression testing
- ❖ Smoke testing

# About the project

## Technologies

- ❖ Docker
- ❖ Docker-compose
- ❖ K8S
- ❖ Helm
- ❖ Terraform
- ❖ GitLab ci/cd
- ❖ EC2
- ❖ ESC
- ❖ RDS
- ❖ Cloud Watch
- ❖ ElastiCache
- ❖ Route53
- ❖ Apple Store
- ❖ Testflight
- ❖ Google Play
- ❖ Firebase
- ❖ Crashlytics



## Project size

- ❖ 1 Technical Coordinator
- ❖ 1 Software Architect
- ❖ 2 Software Engineers
- ❖ 2 DevOps Engineers
- ❖ 1 Marketing Coordinator
- ❖ 1 Project Manager
- ❖ 1 Marketing Specialist
- ❖ 2 Graphic Designers
- ❖ 1 QA Engineer

## Duration



7 months  
From January 2020 – July  
2020

## Platforms

- ❖ iOS
- ❖ Android
- ❖ Linux
- ❖ Windows
- ❖ macOS