

# Web Development Portfolio



# Hotel Gotcha

Hotel Gotcha is a hotel/ homestay management system that uses an advanced AI system to transform the traditional processes, services and facilities. Using the combination of enhancing AI, Blockchain and IOT to read, manage and analyze customer data, Hotel Gotcha aims to minimize the required number of hotel staffs and to improve mandatory customer experience.



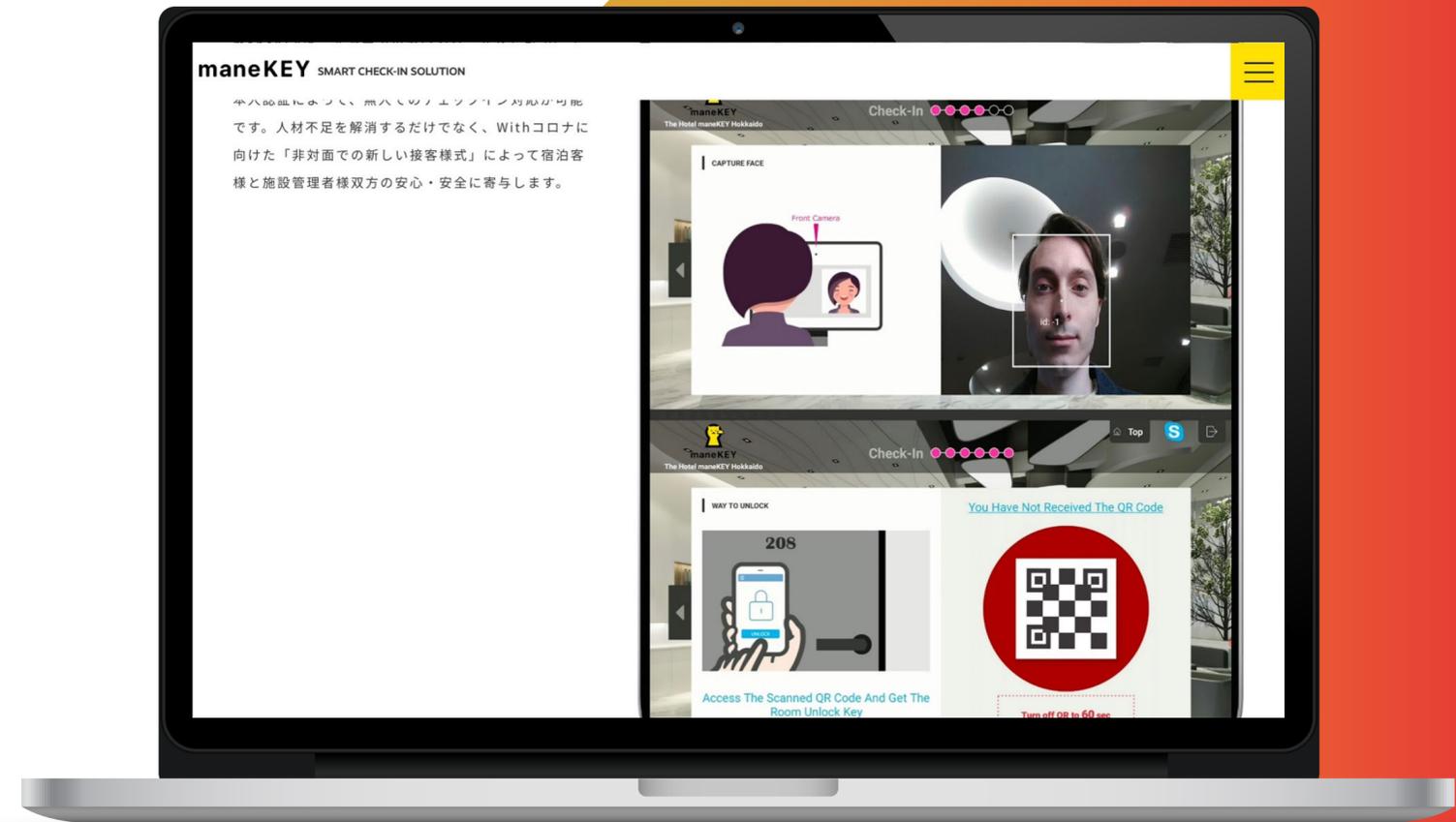
Smart self-check in



Smart key



Smart speakers



Team size **10**

Coding languages **Golang,Blockchain, Kotlin Deeplearning PHP,Docker**

Duration **24 months**

# HappinessBook

HappinessBook is a healthcare risk app that measures risk factors, health behaviors and nonhealth determinants like socioeconomic status (age, race, education, income..). In addition to providing an overall impression of the users' whole being, HappinessBook also hands out practical and helpful advices to help them improve their health.

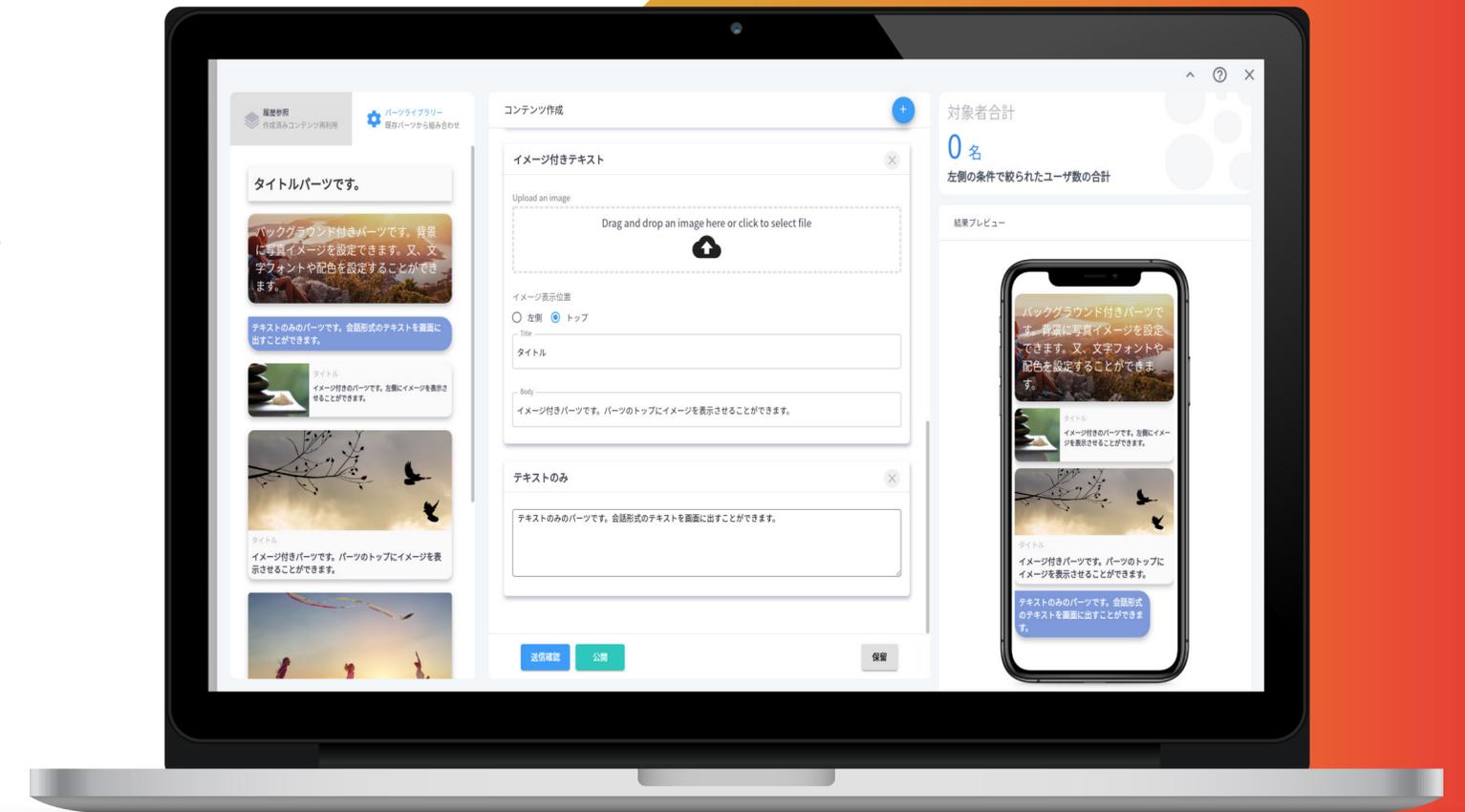
## Key features



Advanced Survey logic to rate accurately users' current health issues



CMS to manage surveys and customers data



Team size

10



Coding languages

**ReactJS, React Native, Python, Django, Docker, Automation Test**

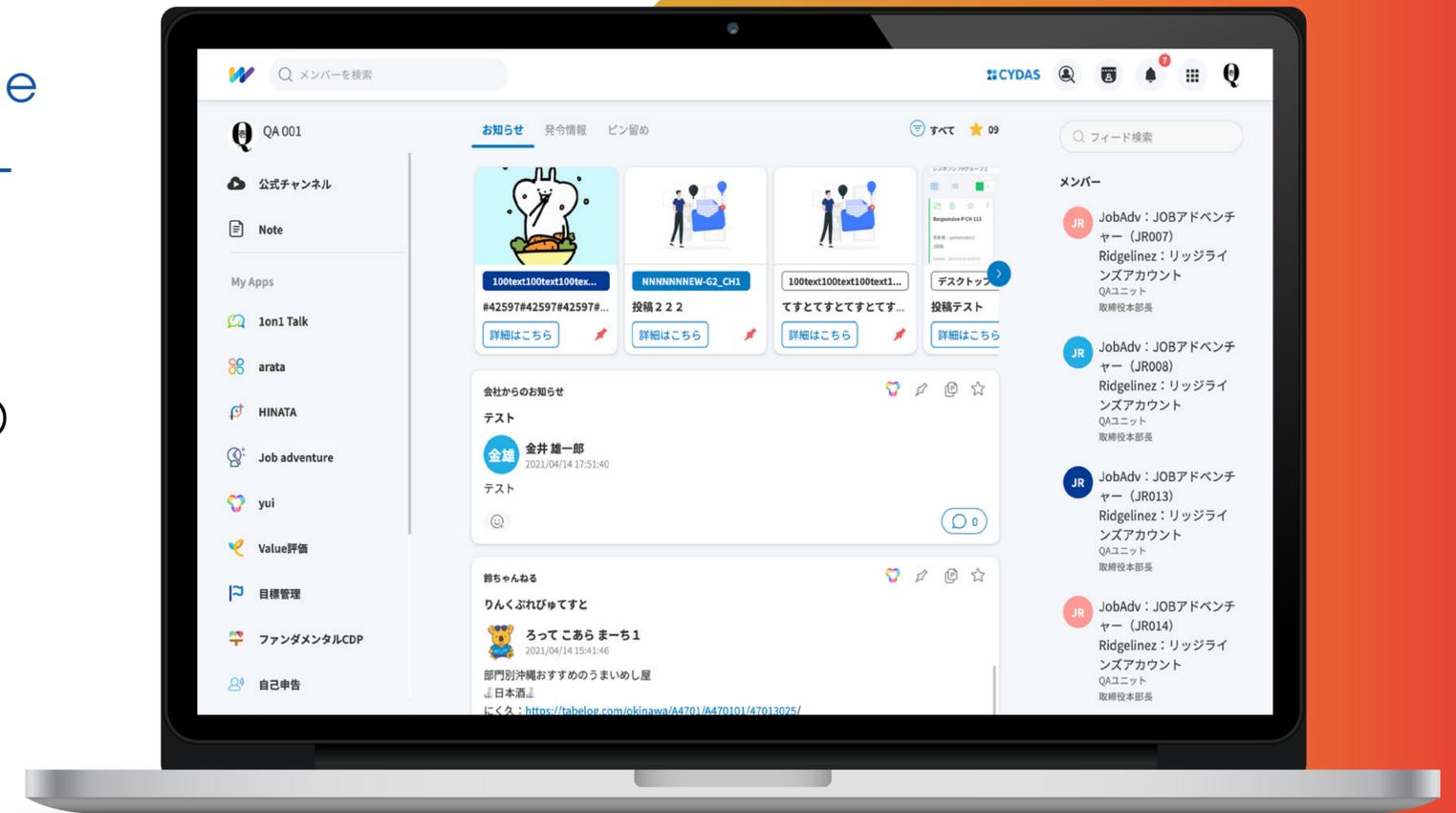
Duration

**24 months**

# Cydas

Cydas is a complex enterprise social network service that is solely designed for internal business use. It includes but not limited to the followings:

-  Employee management (Income, Task, assessment etc...)
-  Enhancing communication and cultivating relationships (Employees can post on newsfeed or interact with each other, schedule a meeting...)
-  Specific roles assignment with different privileges (HR, employee, CEO..)



Team size **30** 

Coding languages **Cake PHP, VueJS, Docker, CI/CD**

Duration **32 months**

# Orthocomm

Orthocomm is a dental clinic management system that provides an user-friendly interface and a wide range of comprehensive functions to help the clinic strengthen the provider-patient relationship and plan of care

- Web/App login for Customers/Clinic
- Tracking patient's information, history and monitoring their disease progression
- Managing and comparing customers' disease pictures at different timeframes
- Smart automated scheduled push notification to encourage patients during their treatment



Team size

5



Coding languages

Angular, Nodejs, MongoDB

Duration

18 months

# MileShare Lambda

MileShare Lambda is an online flight ticket booking system designed to improve customer service and reduce reception overhead.

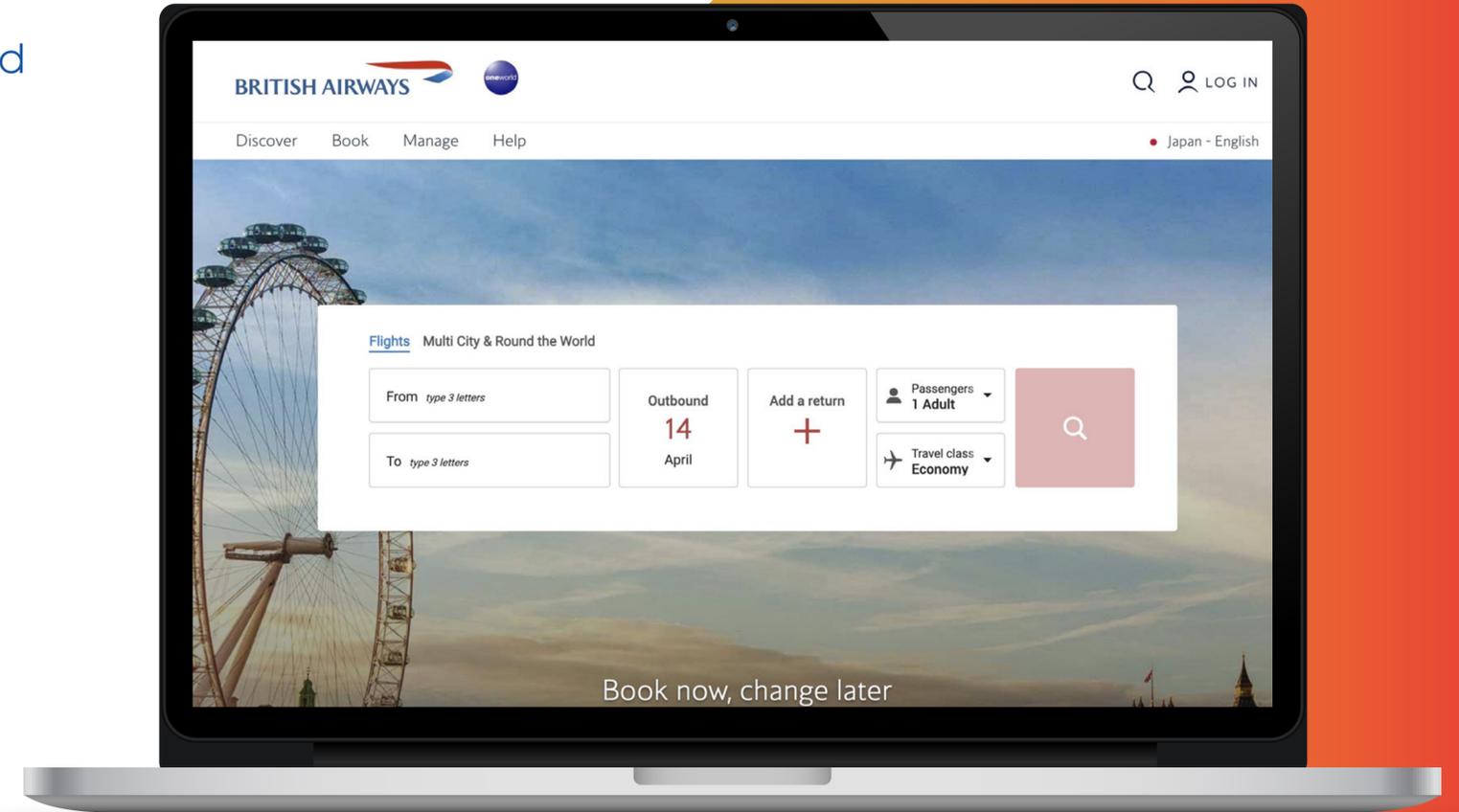
## Key features



Customers can book flight tickets, manage their flight information and redeem their miles for free tickets.



Selenium is used to automate the searching process for flight information



Team size

3



Coding languages

**Python, Lambda, S3, API gateway**

Duration

**18 months**

# Fitness Salon

Fitness Salon is a fitness recruiting app focusing on connecting Japanese salons and promising professionals together. The system is divided into 3 modules:

## Key features

-  CMS for Admin: Manage users, companies, jobs for applicants...
-  CMS for companies: Manage job postings, candidates' resumes...
-  Web app for Users: includes optimized UI so users can manage their own portfolio and search for jobs easier
-  Intergrates Line Auto-Messaging functions



Team size

5



Coding languages

**PHP(Laravel Framework) , MySQL, Docker**

Duration

**18 months**

# MS&AD

MS&AD is a human resource management app that handles the retired workforces in various companies to help hiring managers re-utilize this labor pool and rehire potential employees.

## Key features

- Managing retired workforces' information (Personal information, Work experiences, Skillset..)
- Incorporate different strategies to re-approach these candidates ( Sending mail, job matching offer, job survey...)



Team size

8



Coding languages

PHP(Laravel Framework) , PSQL  
VueJS, NuxtJS, Docker

Duration

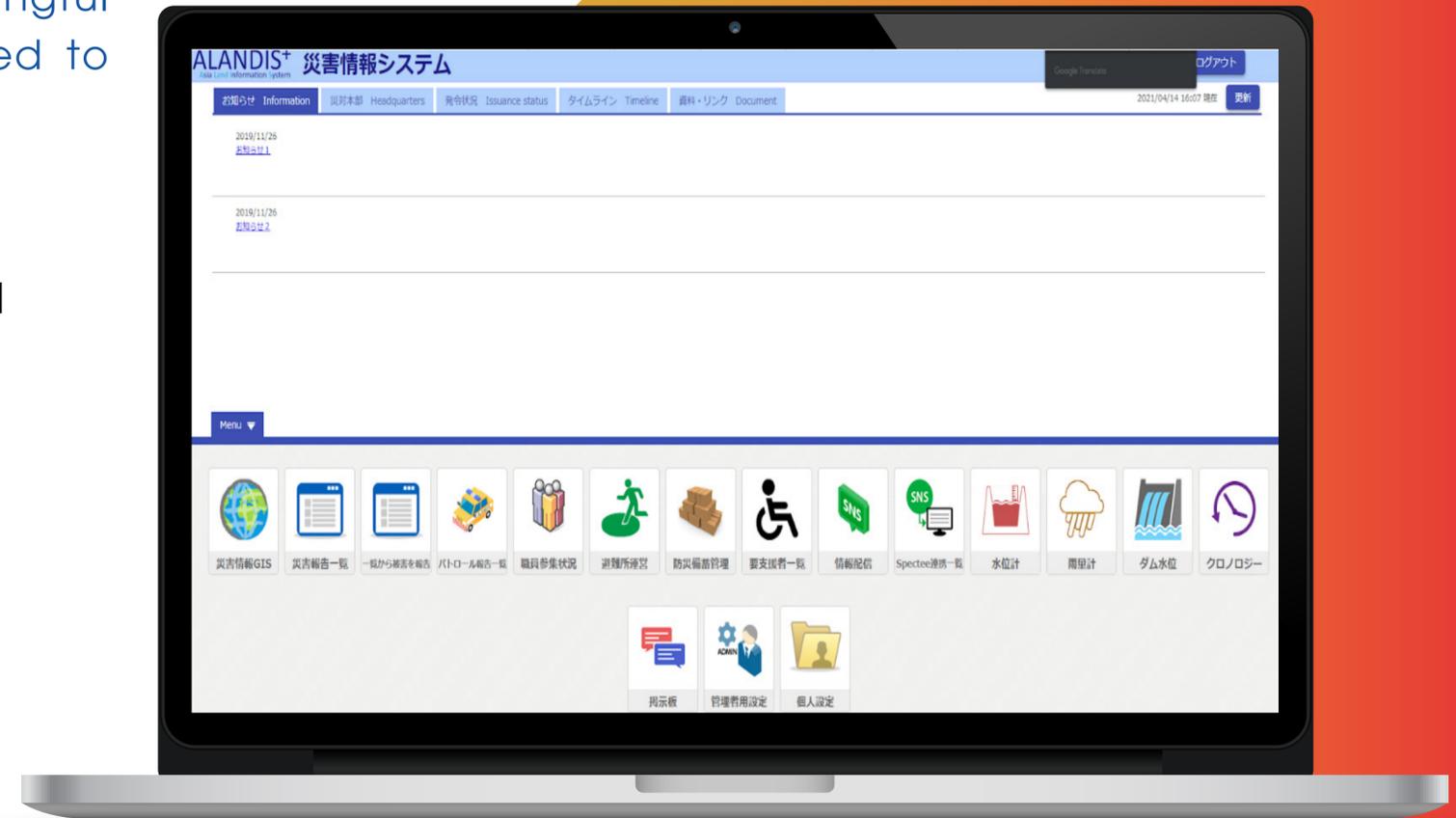
7 months

# Udorm

Udorm is an integrated application that provides a variety of meaningful tools in order to help users calculate, build up a dataset related to weather, natural disaster and statistical geography in Japan.

## Key features

- Calculate the rainfall intensity (mm/h) using latitude and longitude
- QGIS Plugin to assist users in different operations like calculating rainfall intensity, exporting dataset to pdf etc...
- Toolsets to manage crucial information about incoming natural disasters
- 5Gis
- An interactive map of waterpipe networks in which users can draw, take note and re-adjust the water pipe placement



Team size **5** 

Coding languages **Python, PHP, HTML/CSS, JS**

Duration **12 months**



# MOR

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