



2NF Software

**All for customers' satisfaction**

2NF aims to become an internationally renowned IT company nationwide and global wide.

# COMPANY PROFILE

## 2NF Group:

- |                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| 1. 2NF Software Company Limited | Established: April, 2012 | Number of staff: 95 (in 2019) |
| 2. 2NF Japan Incorporated       | Established: April, 2018 | Number of staff: 15 (in 2019) |

2NF Software

**DANG MINH TUAN**

Chairman

2NF Software

**NGUYEN NHU HANH**

CEO

2NF Japan

**TAKAYANAGI JUN**

Chairman

2NF Japan

**TRAN NGUYEN DUNG**

CEO

2NF Japan

**MITSUAKI SEKI**

Outside Director

> 2NF is a software company providing IT solution and software products for enterprises in Japan, Korea, Australia and Vietnam etc.

> With principles of deep understanding of expertise and technology, along with enthusiasm and passion, we create the unique software products on the market.

> With an understanding of culture, along with customer comprehending, we always provide services that meet customer satisfaction.

### Address

2NF Software: 9th Floor, 3A Building, 82 Lane, Duy Tan Street, Cau Giay District, Ha Noi City, Viet Nam.

2NF Japan: 3F Tozaikan Building, Iidabashi 2 Chome 9-7, Chiyoda District., Tokyo, Japan.

Mobile: (084) 43-8398-714  
Email: hanh@2nf.com.vn

Mobile: (TEL) 03-6268-9804  
Email: anhhht@2nf.co.jp

Website: [www.2nf.com.vn](http://www.2nf.com.vn),  
[www.2nf.vn](http://www.2nf.vn)

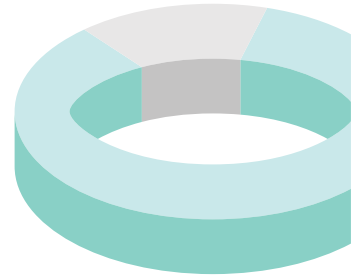
(FAX) 03-6268-9803

## COMPANY'S IDENTITY

To customers, we always aim to understand customer's culture and put the slogan "All for customers' satisfaction" over the top.

To employees, we always encourage their creativity and personal opinions about the development of the company. We would like to create a company that captures all the quintessence of our staff, not just the essence of a leadership.

The characteristic of our company's behavior is sincerity.



## VISION

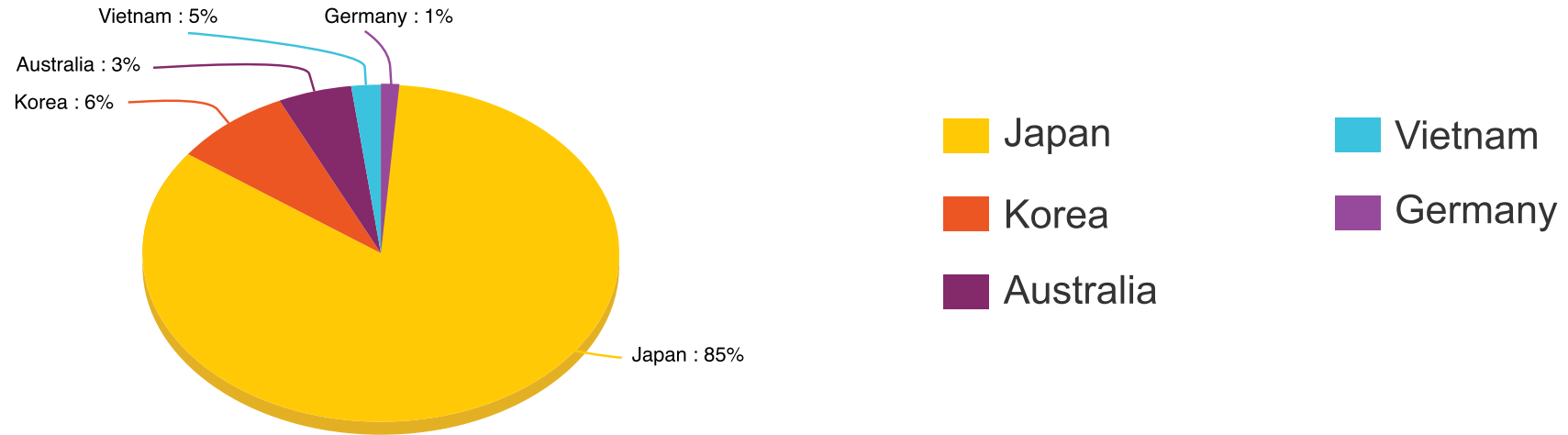
2NF aims to become an internationally renowned IT company nationwide and global wide.

## MISSION

2NF thrives to develop more IT products and services to solve problems that arise in life, making life simpler and easier.

A place to comprise of capable member with strong sense of responsibility to develop and build an organization reaching out on a global level.

# CLIENT RATIO BY COUNTRY



## OUR CUSTOMERS



# SERVICES

## WEB APP DEVELOPMENT



**SOCIAL NETWORK**



**CHAIN RESTAURANT AND BUSINESS  
MANAGEMENT SYSTEMS**



**AGRICULTURE MANAGEMENT SYSTEMS**



**LEARNING AND EXAMINATION  
MANAGEMENT SYSTEMS**



**E-COMMERCE SYSTEM**



**OTHER SYSTEMS BASED ON  
REQUIREMENTS OF CUSTOMERS**

## THE PROGRAMMING LANGUAGES WE ARE USING THE MOST ARE:



We not only build up software systems based on customer needs, but also provide solutions, technologies and requirement analysis, develop and deploy the software to our clients.



## MOBILE APP DEVELOPMENT

We have had applications listed into the top 5 apps on Vietnam's App Store.



**E-COMMERCE SYSTEM  
APPLICATION**



**SOCIAL NETWORK**



**BUSINESS MANAGEMENT  
APPLICATION**



**PERSONAL APPLICATION**

## ENTERPRISE APPLICATION (SALEFORCE, ODOO) DEVELOPMENT



We have much experience in developing CRM systems with Salesforce solution.



We have rich experience in developing ERP systems with Odoo.

## GAME DEVELOPMENT



We develop games on smartphone with Unity 2D and 3D. Our games mainly include educational games, simulation games and tactical games for professional gamers.



In terms of game development, we not only program based on customer requirements, but also have our own design team who are can implement character design, context and game script writing.



## AI

Currently, we are developing AI on: Natural Language Processing – NLP, Image Processing, Optical Character Recognition - OCR.

# WHY 2NF SOFTWARE



## I. Human Resource

- ① Our human resources are highly qualified in technology, experienced and fluent in at least one foreign language such as English or Japanese. They are hard-working, eager to learn and able to quickly master new techniques.
- ② Our engineers do not passively follow customers' instructions. They always review and analyze to find the best solution to the problems.

## III. Information Security



We take information security as priority in the software development process with our clients. Therefore, our company fully meets the requirements of infrastructure, processes, awareness and information security.



## II. Standard Process

### ① International Standard Software Process

We have established our development process based on CMMI level 3.

### ② Advantages of 2NF Software Process

We have created a unified software process throughout the company which is the best meets software development requirements of various partners.

### ③ Project Management Tools

We are applying different tools during software development process such as project management tools (MS Project, Excel...), source code management tools (SVN, Github...), bug management tools (Redmine, Jira...) and also developing our own management tools.

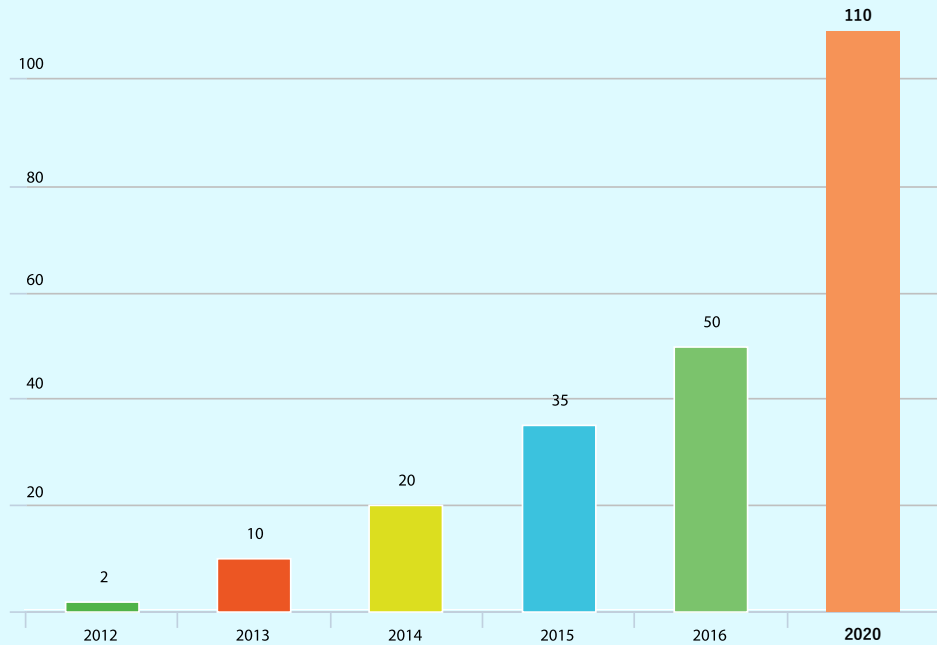
## IV. Quality and Cost



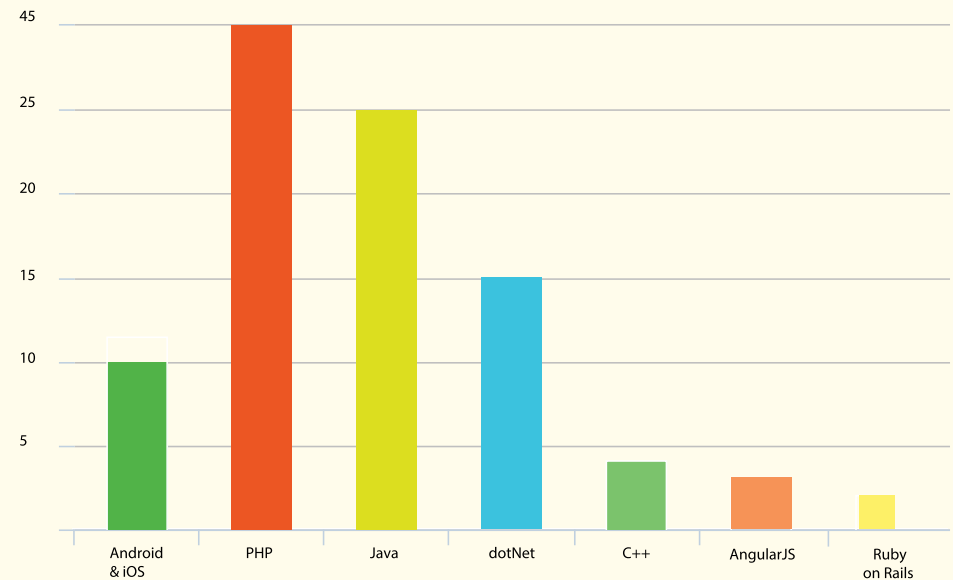
We provide high quality services and products with the most reasonable and competitive price.



# HUMAN RESOURCES



HUMAN RESOURCE DEVELOPMENT



OUR DEVELOPERS



## 2NF IN CUSTOMERS' EYES



**Mr. SEKI MITSUAKI**

CEO of Clecom Inc

Thank you so much for helping us in the offshore project last year. You have been very flexible in project management such as progress reports, issue management, or prompt solving the requests or spec changes from us. Moreover, the developers of 2NF also quickly understand about spec of Japanese, the abilities of each developer are good as well, the speed and quality are beyond our expectations. You are all indeed a very reliable partner.



**Mr. SEII HIDEAKI**

Systema Corporation

With the manpower and motto of implementing projects at 2NF, you always think and propose projects to promote quality improvement and complete the project, so we can always be assured of assigning work. We are grateful to be always supported in time of difficulty.



**Mr. OKEGAWA HIDEO**

NihonSoftware Corporation Ltd

Your company has supported us in a lot of works, through the offshore projects that my company has contracted, as well as our internal system projects or labo contracts. Thank you so much for this. In addition, you do not hesitate to come to my company, have regular contact, so that we can see that you are always trying to understand our development direction.

Thank for your efforts, our company has also grown more. From now on, we hope both companies will develop more, so we look forward to continuing to receive your help.

# 2NF INTENSIVE TRAINING PROGRAM

## Internship Program

Fresher Training

### INTERNSHIP PROGRAM

We recruit excellent last-year students from top universities in Vietnam.

This training period takes about 4 months.

## On the Job Training

### ON THE JOB TRAINING

After the employees have passed the Internship Program, we will give them training by participating directly in projects for about 2 months.

## Advanced Training

Training for skills improvement

### ADVANCED TRAINING

This training depends on the strengths of each person, we have basic and intensive training courses on techniques, management and processes.

## RECRUITMENT METHOD

### VIA THE HR DEPARTMENT OF THE COMPANY

At the moment, we have a recruitment team, which will post job advertisements by themselves via recruitment channels such as website, Facebook, and personal relationships.

### VIA HEADHUNTERS

Currently, 2NF is the partner of the most famous and biggest headhunters in Vietnam such as: VietnamWorks, Navigos, CareerLink, ITViec, JJOB, etc.

### VIA TOP UNIVERSITIES IN VIETNAM

We are the main partner of many leading universities in Vietnam for IT training. Every year, we commit to recruit last-year students of these universities for internship.

# ONSITE - OFFSHORE DEVELOPMENT MODEL

## 3 SOFTWARE DEVELOPMENT MODELS

### ONSITE

Our engineers will work directly at customers' site and under the direct management of clients.

### ONSITE-OFFSHORE

We will have a team working on the site of the client to receive requests from clients, analyse those requests, and propose solutions, etc.  
The remaining project development team will be on the side of our company.

### OFFSHORE

The entire project development team will be on the site of our company, we manage and develop the project by ourselves, report and discuss the progress with the client via email and chat tools (slack, skype, etc.).

## 2 TYPES OF CONTRACTS

### Offshore Development Center (Dedicated Team)

In this type of project model, the price will depend on the number of people involved in the development and the development time. This model is very flexible in the software development process.

**This model is recommended for clients in the following case:**

- 1.The technical requirements of the problem is not determined yet, the project development team needs to work together to better clarify the scope and requirements.
- 2.There are technical and product requirements, but these requirements will change continuously during the development process.

**Advantages of this model:**

The customer will have a team who has expertise in the project, who will follow the project and not be changed during the development process.

We and our clients develop together; our engineers are considered as employees of client company: receiving direct instructions from clients, analyzing and evaluating changes together throughout the project development process.

### 2. Project-Based Pricing

This model is based on the calculation of the amount of effort required to execute the project, thereby based on our desire and ability to give the time needed to complete the project.

**This model is recommended for clients in the following case:**

1. The requirements is already defined clearly.
2. The project needs to be completed within a predetermined time.

**Advantages of this model:**

Clients will not be afraid of price change during the development process, because the price has been agreed by both sides from the beginning, therefore clients can have fixed financial cost.





# SUCCESS STORIES



## ONSITE

We have been providing the service of dispatching software engineers, testers, etc. to many big customers in Japan and Vietnam. Currently, this model is quite successful, BrSEs of 2NF Japan are working at the customers' companies as their official employees.

## AI

### Invoice identification

Identifying information (company name, project name, amount and tax) of different invoice forms (even unspecified forms). Then exporting extracting the identified information to csv file. We have already built an interface system to help identify invoices, correct wrongly identified information and export information csv file. Wrongly identified information will be sent to the admin to train the data again.

**Client:** Japanese Company

**Contract Type:** Dedicated Team

**Result:** As of the beginning of 2020, we have finished solution developing step, ready to build commercial products in the future.



# SUCCESS STORIES

## Business software for enterprises



### Agricultural Management System

Develop an agricultural management system for a Province in Japan as a replacement for an existing obsolete and cumbersome system.

**Main features:** Device management, device management, water management systems, management of drainage pipes, dams, hydro-meteorological management.

**Client:** Japanese Company

**Contract Type:** Offshore Development Center (Dedicated Team)

**Result:** Successfully solve a huge local agricultural management problem.

### Restaurant Management System

Develop the ERP system for the Japanese restaurant in Japan.

**Main features:** Employee Management, Inventory Management, Menu Management, Order Management, Reservations Management, Table Management, and Cash Drawer Management, Built-in Accounting, Reporting /Analytics, Billing & Invoicing.

**Self-order Features:** Orders can be made by using your own smartphone or Terminal equipment's such as iPad or iPod Touch

**Client:** Japanese Company

**Contract Type:** Project-Based Pricing

**Result:** This system has been used at the client's restaurant chains in recent years.

# SUCCESS STORIES

## Content Management System (CMS)

### Customer Relationship Management

Application for combining the best cryptocurrency market, monitoring and portfolio management tools. Collect market data, ICO details, and news.

**Main features:**

- Official e-news, magazine. Update on encryption currency investment.
- Distribute the ideas of investment, etc.
- Bitcoin & cryptocurrency portfolio management app. Track your entire portfolio in one place, get detailed price and market information, and receive Signal updates directly from crypto teams within the app.
- Application for combining the best cryptocurrency market, monitoring and send signal buy/sell to client via Line and Telegram chat application. Create signal calculator: EMA, SMA, RSI, MACD, etc. from many crypto exchange markets: Binance, Poloniex, Okex, Bitflyer, etc.

**Client:** Japanese Company

**Contract Type:** Dedicated Team

**Result:** This system has been used in Japan for 5 years.

## Customer Relationship Management

### CRM Project

Further develop functions of the available CRM system at the customers' requests as a plugin.

**Client:** German company

**Contract Type:** Project-Based Pricing

**Result:** This system has been used in real life.



### E-Book reading application on smartphone

This is an e-book reading application on smartphones (iOS, Android).

This app can access to eBook store for buying eBook, downloading, and comment.

**Client:** Our Company

**Result:** Has been in the top 5 applications of Vietnam.

### Employee and Warehouse Management System

This is a company management system and a warehouse management system for a group company in Japan.

**Main features:** Employee management, Contact management, Group management, Inventory management.

- Inventory management: You can use smartphones to scan barcodes and QR codes to check products in the warehouse.

- Employee management: You can use your smartphone to check employee check in / check out, make calls and send messages to employees and groups.

**Client:** Japanese Company

**Contract Type:** Dedicated Team

**Result:** The system has been used by many companies in Japan.

### Disaster warning system

This is a smartphone application which helps people better adapt to and recover from disasters arising from climate change.

The app is also a good channel for the Ministry of Agriculture and Rural Development to communicate with local officials and people where natural disasters occur in an emergency.

**Client:** Oxfam

**Contract Type:** Project-Based Pricing

**Result:** The system is being implemented in Vietnam.

# SUCCESS STORIES

## Smartphone Applications

### Service Reservation Application

This is an application offering a premium reservation service that revolutionizes the way we schedule, book, entertain and live.

Booking all services from booking, entertainment and lifestyle services (restaurants, taxis, spas, movies or clinics).

**Main features:**

- When the user books the service on the app, the system will automatically send a notification to his phone as a reminder, and automatically integrated into the device's calendar.
- Save your favorite services: Creating memorable moments, which is the reason our 'favorites' function in the app allows you to save your favorite places and experiences for easy booking.

**Client:** Australia and Hong Kong

**Contract Type:** Project-Based Pricing

**Result:** This app has been used in real life.

### Car booking application

This is a driving service reservation system in Japan.

**Main features:**

Book a car according to the pick-up location, Book the nearest taxi, Manage pick-up requests of companies, Manage booking request history, Manage user's booking requests, Manage pick-up history, Manage notification of the system.

- Driving service reservation function: you can use the app on smartphone (Android / iOS) to book a car/taxi.
- Request management function: drivers can use smartphone (Android / iOS) to manage user's requests, to contact user as soon as possible.

**Client:** Japanese Company

**Contract Type:** Project-Based Pricing

**Result:** The system is used by many passenger carriers in Japan.



# SUCCESS STORIES

## Education Management System and E-Learning System



### Toeic Exam Management System

This is candidate managing system for TOEIC test which helps organizing TOEIC exam based on the number of candidates. Venues of TOEIC exams are allocated everywhere in Tokyo, Osaka and Nagoya.

**Main features:** Scoring statistics on different criteria such as venue, age, type of test, exam time, etc. The system also can print results of TOEIC Test for each candidate, each venue, and each exam time.

**Client:** Japanese Company

**Contract Type:** Project-Based Pricing

**Result:** This system has been used in Japan.



### E-Learning System

Students over the world use this application to learn English via Skype over the world.

We also built E-Commerce System for this E-learning system.

**Client:** Japanese Company

**Contract Type:** Project-Based Pricing

**Result:** This system has been used in Japan for recent 8 years.

# SUCCESS STORIES

## Game Development

### Rescue the Princess Game

This is a role-playing game (3D game) application that runs on the Android or iOS platform of mobile phones.

Players will initially be offered their own town and character.

**Gameplay:** Players will control their character walking on the map to travel to other towns. While traveling, the players can collect items and coins by attacking monsters. Items and coins are used to buy weapons, equipment or upgrade the town.

**Game functions:** Purchase weapons, items; Chat between players; Build towns.

**Client:** Japanese Company

**Contract Type:** Dedicated Team

**Result:** This game is being widely played in Japan.

### Harvest Game

This is a 2D game in which a player is a farmer who manages his own farm.

**Main features:**

- Purchase and sell seeds; Sow and harvest crops; Improve seeds; etc.
- Purchase and sell animals; Improve animal gene; Reproductive function; etc.
- Weather forecasting function: check weather because different types of weather will affect the growth of crops.
- Cooking function: make food from raw materials obtained from cultivation and husbandry.

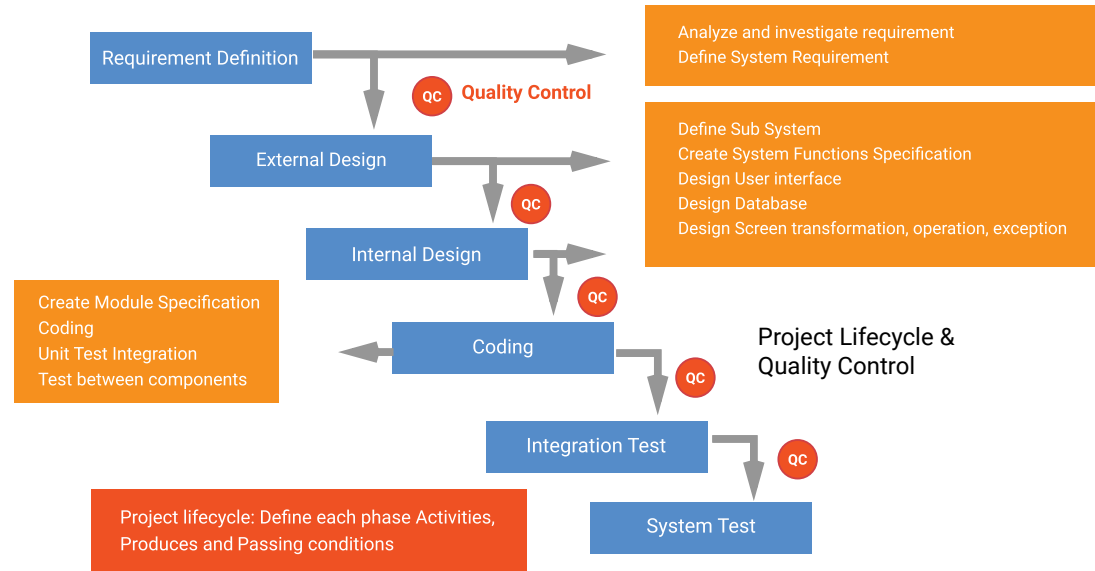
**Client:** Japanese Company

**Contract Type:** Dedicated Team

**Result:** This game is being widely played in Japan.

# SOFTWARE DEVELOPMENT PROCESS

## ACCORDING TO THE WATERFALL MODEL



## ACCORDING TO THE SCRUM MODEL

