



Green Vista Software

sustainable smart community

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Qi Te, Zhang Juncheng, Liu Huiyang*

Start !

CONTENT



Teamwork



Requirement



Challenges



Implementation



PART ONE

Team work



Work division



Liu Xinran 16.7%
Community service, UI



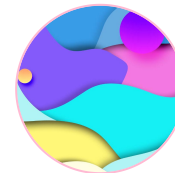
Sun Ruotong 16.7%
Main page, Login page



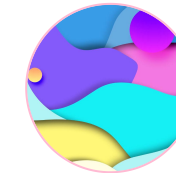
Qi Te 16.7%
Resource management



Wang Shizheng 16.7%
Library, UI



Zhang Juncheng 16.7%
Notify, Library



Liu Huiyang 16.7%
Sustainable guidance



[View all](#)



PART TWO

Requirement

Our client requirement

Residents' lifestyles

Not eco-friendly

Residents' lifestyles are generally not environmentally friendly.

- ✓ Waste of resource
- ✓ High energy consumption
- ✓ Lack of guidance

Owner

Facilities utilization

Low

The community has provided some convenient facilities, but their utilization are low

- ✓ Fitness equipment
- ✓ Community hospital
- ✓ Community gym

Property

Recruitment

Difficult

The community does not allow posting advertisements and lacks a proper way to recruit.

- ✓ Lack advertisements
- ✓ No platform

Enterprise

Our website can provide



Life Guidance

Provide sustainable living guidelines for owners



Community service

Provide information about community service and booking function



Online Library

Provide an online reading platform and a number of book storage



Resource management

Provide a platform to view their household resource usage and set thresholds



Announcement

Provide information about recent community events and changes



Employment

Provide a recruitment platform for both owners and enterprises



PART THREE

Challenges



Challenges

We have faced several challenges while working.



Technical challenges

AI assistant



Lack of experience: actively invested in the field of learning and researching AI interfaces and training AI models, reading relevant literature, attending online courses.

Time pressure

“

Large-size project:

- 1. Change part of the requirements*
- 2. Adopt agile development, allowing a flexible response to demand changes*

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PART FOUR

Implementation



THANKS
