智产智融
Smart P&L

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Detailed Design Specification

Directory

1. Introduction

1.1 Writing purpose

This part analyzes and designs the data and function of the "Smart p&l" platform. Since the front end is the latest vue.js framework, all data design has similarity. Here are the most representative examples cited as a display for the database administrator and system developers to read.

1.2 Project overview

With the rapid development of China's economy, the number of small and medium-sized enterprises is also growing rapidly, and they are playing more and more important roles in the country's economic aspect. According to the statistics data from the National Administration for Industry and Commerce of China, in 2013 the total amount of China's small and medium enterprises and individual industrial and commercial households registered has more than 15 million. By the end of 2016 the number will be more than 70 million. With the annual growth rate of more than 10%, it is estimated that by 2020, China's small and medium enterprises and individual industrial and commercial households will be more than 90 million. SMEs have accounted for more than 99% of the total number of enterprises. According to the guiding spirit of the 18th National People 's Congress, it is important to "promote public entrepreneurship innovation, and constantly cultivate new, new kinetic energy to promote sustained and healthy development of small and medium enterprises". With the implement of the next 5 year plan and the in-depth development of China's market economy, the number and size of small and medium enterprises will continue to develop.

While small and medium enterprises are booming, the financing environment for small and medium-sized enterprises is very bad. According to the data from Bank of China released in 2014, we found that by June 2013, the total number of small and medium enterprises has reached 56.51 million yet less than 10% of them could obtain credit support from the bank. China's SME is currently facing problems in difficult financing processes, limited financing channels, high financing costs, and the problem is becoming increasing hard.

Based on this development background, "Smart p & l" SME financing platform firmly grasp the market development opportunities and access to SME financing market. We are committed to improving the financing of small and medium enterprises, reducing the financing costs of small and medium enterprises, and to provide convenient and standardized services in credit audit and risk assessment for SMEs financing.

1.3 Audience

Project manager, summary designers, programmers, testers.

1.4 Reference Material

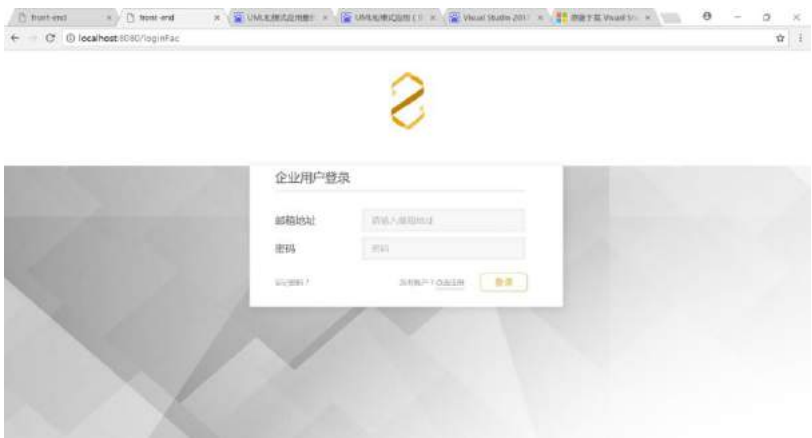| Data Name	Publishing Unit	Author	Date
Software engineering-practiceresearch methods	Machinery Industry Press	Roger S.Pressman	April 2007
Applying UML and Patterns (3rd edition)	Machinery Industry Press	Craig Larman	June 2006

2. Introduction to function of pages

2.1 Database

Module name	Config/Index.js
Function brief	Database operation module (Front-end proxy for back-end address) Vue front-end framework using domain name proxy for back-end api
Interface overview	None
Module properties	See the "Database Design Specification" for details.
Module methods	

```
    },
    dev: {
      env: require('./dev.env'),
      port: 8080,
      autoOpenBrowser: true,
      assetsSubDirectory: 'static',
      assetsPublicPath: '/',
      proxyTable: {
        '/api': {
          target: 'http://localhost:7001'
        }
      },
      // CSS Sourcemaps off by default because relative paths are "buggy"
      // with this option, according to the CSS-Loader README
      // (https://github.com/webpack/css-loader#sourcemaps)
      // In our experience, they generally work as expected,
      // just be aware of this issue when enabling this option.
      cssSourceMap: false
    }
```

2.2 User login interface

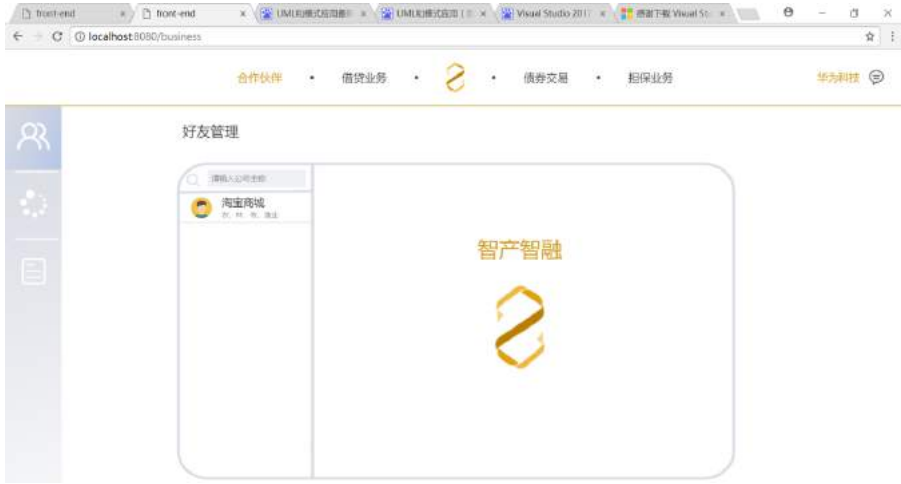| Module name	**loginFac.vue**
Function brief	Login interface.
Interface overview	
Module properties	var username; var password;
Module methods	goToRegist() (Jump to the registration interface) loginPost()　(the post method in users' login)

2.3 Homepage

Module name	**homepage/main.vue**
Function brief	Client homepage.
Interface overview	
Module properties	See the source code "**homepage/main.vue**" for details.

Module methods	initData()　(Initialize, determine whether the user login, and perform corresponding operation)
	
	async created () {　//Page initialization function
	
	　　this.initData();
	
	　}

2.4 My business

Module name	**business/main.vue**
Function brief	Fill in business-related information and perform the corresponding operations.
Interface overview	
Module properties	See the source code "**business/main.vue**" for details.
Module methods	See the source code "**business/main.vue**" for details.