Topic: Hanghang Robot Problem Processing and Optimization

|  |  |  |
| --- | --- | --- |
| Category | Content | Processing |
| Hardware parts | Optimization and change | 1. Shape redesign  2. Face LCD screen is 8.2 '', LCD vertical  3. To enhance the quality of the speaker and amplifier  4. Microphone hole design to conical, and adjust the tilt angle  5. Body sensory device position adjustment  6. Chassis optimization design  7. Lingyun four wheat floor design  8.Power centralized control  9.Charging pile equipment optimization, to solve the virtual charge problem  10. Navigation SLAM building and walking optimization |
| Log management | 1. System abnormal behavior records to the database log  2. Daily no answer to the problem of export, collation, import  3. Increase the expansion asked  4. Improve the abnormal problem Robot response ability  5. Reduce the error box appears, the error will be written to the database log  6. Boot start initialization successfully into the main program, if the success of the cycle test, and the error message written to the database log until the initialization success |
| Software part | Program modifications | 1. Start the intelligent control, increase the password input  2. Face ++ version update, program update  3. boot connection automatically exists BUG  4. 15 "interactive screen UI interface modification  5. no dialogue, the robot has sleep  6. SmartDog program to increase Debug mode  7. non-fatal module failure, does not affect the main program running  8. Manage the background Web interface on each page to increase the account login authentication mechanism |
|  | facial expression | Graphic redesign (for LCD screen) |
|  | Voice conversation speed | Communicate with the news fly to enhance the speed of dialogue |
| Module Testing |  | 1. All robot function modules, sub-test, integrated test  2. Test machine in three groups: Yiwu, banks, Harbin |
| other | Server migration | 1. Arrange engineers to move with the machine test  2. Need to add a server to do two-track transfer machine |
|  | Operation and maintenance program |  |