

Pepper robot development manual
Title: self service system of school reading
room

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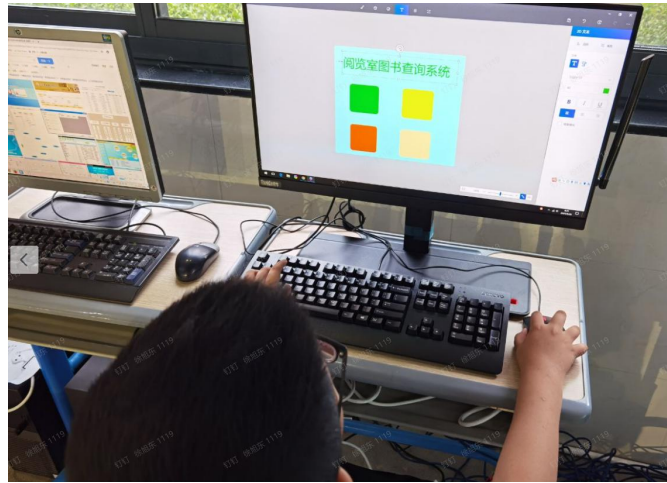
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一、 Project description:

1、 If the school library is to be open to students regularly, it needs to increase the number of managers, which increases the cost of the school.

2、 This program code is all written by the fifth grade primary school students, starting from the actual problem, to determine the program, and then design the software interface, write code, program debugging. Finally, all the functions of the project are basically completed.



二、Related function module screenshot and code



UI design

Book Search; Book borrowing; Book return:

```
let _E9_A1_B9_E7_9B_AE;
let t;
let _E6_8E_A7_E5_88_B6;
let _E6_9C_AC_E6_95_B0;
let s;
let _E5_9B_BE_E4_B9_A6=[];
```

```

control.onGreenFlagClicked(function () {
  _E6_9C_AC_E6_95_B0 = 23;
  _E9_A1_B9_E7_9B_AE = 1;
  robot.showImage('图');
  robot.sayWithBehavior(Behavior.n-goodbye, '您好, 欢迎来到齐贤中心小学图书阅览室!', 100, 100);
  robot.say('请您正确佩戴口罩再进入!', 100, 100);
  主菜单 ();
})

robot.onTabletTouched(function (Coordinate) {
  robot.disableTabletTouch();
  if ( == 1) {
    if (185 < Coordinate.Y && Coordinate.Y < 385) {
      if (180 < Coordinate.X && Coordinate.X < 370) {
        sound.playSound(正确);
        查询 ();
      }
      if (430 < Coordinate.X && Coordinate.X < 810) {
        sound.playSound(正确);
        借书 ();
      }
      if (900 < Coordinate.X && Coordinate.X < 1095) {
        sound.playSound(正确);
        还书 ();
      }
    }
    if (470 < Coordinate.Y && Coordinate.Y < 660) {
      if (170 < Coordinate.X && Coordinate.X < 345) {
        sound.playSound(正确);
        联系 ();
      }
    }
    if (420 < Coordinate.X && Coordinate.X < 805) {
      sound.playSound(正确);
    }
    if (890 < Coordinate.X && Coordinate.X < 1095) {
      sound.playSound(正确);
    }
  }
  if ( == 0) {
    if (770 == Coordinate.Y && Coordinate.Y == 795) {
      if (75 == Coordinate.X && Coordinate.X == 270) {
        robot.hideImage();
        control.waitSeconds(2);
        robot.showImage('阅');
        主菜单 ();
      }
    }
  }
}

```

```

}
}))

function 主菜单 () {
t = 1;
robot.showImage('阅');
robot.say('请根据您的需求点击按钮。', 100, 100);
robot.enableTabletTouch();
}

function 目录 () {
_E5_9B_BE_E4_B9_A6.push('十万个为什么');
_E5_9B_BE_E4_B9_A6.push('20');
_E5_9B_BE_E4_B9_A6.push('No00001');
_E5_9B_BE_E4_B9_A6.push('#');
_E5_9B_BE_E4_B9_A6.push('高手密码');
_E5_9B_BE_E4_B9_A6.push('23');
_E5_9B_BE_E4_B9_A6.push('No00002');
_E5_9B_BE_E4_B9_A6.push('#');
_E5_9B_BE_E4_B9_A6.push('唐诗三百首');
_E5_9B_BE_E4_B9_A6.push('15');
_E5_9B_BE_E4_B9_A6.push('No00003');
_E5_9B_BE_E4_B9_A6.push('#');
}

function 还书 () {
robot.say('请让我扫描一下二维码', 100, 100);
_E6_8E_A7_E5_88_B6 = 0;
qr.startQRCodeRecognition();
}

function 联系 () {
t = 0;
robot.showImage('紧');
control.waitSeconds(5);
主菜单 ();
}

function 查询 () {
目录 ();
robot.say('请说出你所要查询的图书', 100, 100);
robot.setSpeechRecognitionVocabulary(['十万个为什么; 高手密码; 唐诗三百首']);
robot.startSpeechRecognition();
robot.hideImage();
control.waitSeconds(5);
}

function 借书 () {

```

```

robot.say('请让我扫描一下二维码', 100, 100);
_E6_8E_A7_E5_88_B6 = 1;
qr.startQRCodeRecognition();
}

robot.onWordRecognized(function (SpeechRecognition)
{
robot.stopSpeechRecognition();
var repeat_end = _E5_9B_BE_E4_B9_A6.length;
for (var count = 0; count < repeat_end; count++) {
if (SpeechRecognition.RecognizedWord ==
_E5_9B_BE_E4_B9_A6[0]) {
control.waitSeconds(2);
robot.showText(('《' + (_E5_9B_BE_E4_B9_A6[0] +
('》, ' + ('数量: ' + (_E5_9B_BE_E4_B9_A6[0] + ('本, 编
号是' + _E5_9B_BE_E4_B9_A6[0]))))))), Font.kakugo_n);
robot.say(('《' + (_E5_9B_BE_E4_B9_A6[0] + ('》, ' +
('数量: ' + (_E5_9B_BE_E4_B9_A6[0] + ('本, 编号是' +
_E5_9B_BE_E4_B9_A6[0]))))))), 100, 100);
control.waitSeconds(3);
}
}
_E9_A1_B9_E7_9B_AE += ;
}
主菜单 ();
})

qr.onQRCodeRecognized(function (QR) {
qr.stopQRCodeRecognition();
if (_E6_8E_A7_E5_88_B6 == 1) {
_E6_9C_AC_E6_95_B0 += ;
robot.say('您本次借阅已成功', 100, 100);
robot.say(('《高手密码》还剩' + (_E6_9C_AC_E6_95_B0 + '
本')), 100, 100);
}
if (_E6_8E_A7_E5_88_B6 == 0) {
_E6_9C_AC_E6_95_B0 += ;
robot.say('您本次归还已成功', 100, 100);
robot.say(('《高手密码》还剩' + (_E6_9C_AC_E6_95_B0 + '
本')), 100, 100);
}
robot.enableTabletTouch();
})

```

The main data structure uses the structure, In the next stage, we plan to develop the application development of pepper based on database.