Maintenance Documentation

Ivend-net Touch Screen Kiosk

October 30, 2017

**Abstract**

This document covers the maintenance and use of Ivend-net Kiosk application of a Touch screen kiosk. This article will provide an overview of the operators (coders) and maintenance technicians (fill the vending machine), and a checklist of specific information that is need to keep the application running.

1. Installation
   1. Software Items
      1. Operating Systems - Windows 10
         1. Enter your computer's BIOS.
         2. Find your BIOS boot options menu.
         3. Select the CD-ROM drive as the first boot device of your computer.
         4. Save the changes of the settings.
         5. Shut off your computer.
         6. Power on the PC and insert the Windows 10 disc into your CD/DVD drive.
         7. Start your computer from the disc.
         8. Choose your Windows setup options.
         9. Click the Install now button.
         10. Accept the License Terms.
         11. Click Next.
         12. Select the Custom installation.
         13. Decide on which hard drive and partition you want to install Windows on.
         14. Install Windows on your preferred hard drive and partition.
      2. Software - Angular 2
         1. Go to Angular 2 website. [WEBSITE](https://www.npmjs.com/package/angular-2)
         2. Click on to download Angular.
         3. Click on the Windows version.
         4. Open folder.
         5. Run the application.
         6. Install Angular.
      3. Server - AWS
         1. Create an Amazon account. [AWS WEBSITE](https://aws.amazon.com/free/?sc_channel=PS&sc_campaign=acquisition_US&sc_publisher=google&sc_medium=cloud_computing_b&sc_content=aws_account_e_control_q32016&sc_detail=aws%20sign%20up&sc_category=cloud_computing&sc_segment=102882721242&sc_matchtype=e&sc_country=US&s_kwcid=AL!4422!3!102882721242!e!!g!!aws%20sign%20up&ef_id=We_-kwAAAFqq2nCP:20171031012315:s)
            1. User name
            2. Password
         2. From the console dashboard, choose an Instance.
         3. Choose an Amazon Machine Image.
         4. Choose an instance type.
         5. Review and Launch Instance.
         6. Review Instance Launch.
            1. Edit security groups
            2. Configure Security Group.
            3. Review and Launch.
         7. Config application to use AWS database.
         8. Review final instance Launch.
         9. Create a new key pair.
         10. Download Key Pair.
         11. Launch Instances
         12. Choose View Instances.
         13. Connect your install using a web browser.
         14. Choose java ssh client from browser.
         15. Launch SSH client.
             1. Username/ Password
         16. Click Run.
   2. Hardware Items
      1. Kiosk
         1. Touch screen has power.
         2. Touch screen connection works.
      2. Computer Specifications
         1. Motherboard:Mini-tlx
         2. Processor CPU: 10 nm
         3. Hard Drive: 8GB
         4. RAM: 16 GB
2. Update software
   1. Software
      1. Windows – Windows 10
         1. Check for updates
            1. Click on start menu.
            2. Click settings.
            3. Click on Update & security button.
            4. Click on Windows Update button.
         2. Update Windows Operating System
            1. Click on start menu.
            2. Click settings.
            3. Click on Update & security button.
            4. Click on Windows Update button.

Note: Automatic after checking

* + 1. Server - AWS
       1. Check your version
          1. Command line type aws --version
          2. Make user the version is the 1.11.84
       2. Update
          1. Type in the terminal
          2. Pip install awscli --upgrade --user
          3. Make sure that pip is installed for your computer.
          4. Make sure the Windows path that you downloaded from the file.
          5. Edit the environment variables if necessary.
    2. Software – Angular 2
       1. Check for updates
          1. View the version on the github
       2. Install new Angular 2
          1. Download the package from github.
          2. Install the package to the format.
    3. Testing the upgrade
       1. Testing protocol
          1. Test Security

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* + - * 1. Test Firewall

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* + - * 1. Test Firefox

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* + - * 1. Test Virus Protection

Future Documentation.

* + - * 1. Test Windows patenting.

Future Documentation.

* 1. Update hardware
     1. Kiosk
        1. Check for updates
           1. Future Documentation.
        2. Install
           1. Future Documentation.

1. Types of people who are going to use the document
   1. Restock the vending Machine
      1. Click on Maintenance button
      2. Items that can be changed
         1. Restock
            1. Login into kiosk using maintenance button.

Username

Password

* + - * 1. Place new items into kiosk into right spot.
        2. Enter new amount in Maintenance mode.
        3. Click apply/Done.
      1. Change the price.
         1. Login into kiosk using maintenance button.

Username

Password

* + - * 1. Click item
        2. Click change the price button
        3. Enter in new price.
        4. Click save.
      1. Change the item
         1. Login into kiosk using maintenance button.

Username

Password

* + - * 1. Click on item
        2. Place in flashdrive.
        3. Select new item picture.
        4. Click save.
      1. Exchange the Products
         1. Login into kiosk using maintenance button.

Username

Password

* + - * 1. Click on the item 1.
        2. Click on the item 2.
        3. Click the exchange button.
  1. Products and Ads
     1. Product picture size
        1. Login into the AWS server
           1. Username
           2. Password
        2. Grab new picture of item.
        3. Locate new location of item
        4. Place picture in location
        5. Push the item
     2. Advertisement picture
        1. Login into the AWS server
           1. Username
           2. Password
        2. Grab new Ad picture
        3. Place new ad in carousel
        4. Push items

1. Payment/ Money
   1. Future documentation
2. References
   1. <https://www.lifewire.com/how-to-check-for-install-windows-updates-2624596>
   2. <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/install-updates.html>
   3. <http://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/serverupgrade.htm>
   4. [https://angular.io/guide/upgrade](https://angular.io/guide/upgrade%20)
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