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Author Chun-Jen Tseng
Author's Email Address No Public.
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Abstract
PMP（Portable Media Player）has already been getting popular in recently such as MP3 player、DVD player and ipod serious made of Apple company ,but those products don’t have wireless and p2p file sharing function . Moreover, those products usually operate by button, so in my thesis we are focus on a 3.5 inch touch screen and use touch function to operate PMP. On the other hand, we design a PMP which has no button operator , and we use touch operator to handle all of function。
In general speaking, p2p software ussally has to connect to one of servers, then users can search any file which be shared by p2p users, so if p2p users are in a firewall limit, they can’t easily connect to each other. However, most of p2p users are in a firewall limit environment when they use p2p software, so we think that how to connect to p2p users whithout server because some networks have a filter to block connection through those p2p server IP address. DHT network struct likes a route table, so we can use it to instead of general route method. Thereforce, we can through DHT network to connect each other and share files.
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