



USER DOCUMENTATION - AUTOHOME

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AUTOHOME
[HTTPS://GITHUB.COM/MAHMOUDBACHIR/HOMEAUTOMATION](https://github.com/MAHMOUDBACHIR/HOMEAUTOMATION)
[HTTPS://AUTOHOME.HOST/](https://autohome.host/)

Currently we only have a few different aspects of our software completely finalized for user use. Most of what we have completed is backend server scripting work, as well as coding for the Arduino which connects to all of your devices at home. Furthermore our mobile application/website are still in the process of being completely developed. But this will document what has been developed for the user at this point in time.

The AutoHome website was designed to be extremely user friendly and very aesthetically pleasing as well. As soon as you visit the main site, the user is greeted with a quick description and a register/login box in the middle of the page. At the top of the page there are tabs for 'home', 'tour', 'features', and 'contact us'. The 'home' page is the main page where you are prompted to login/register.

The 'tour' page is a very beautifully designed page that implements fade/moving effects within the different elements on the page. Scrolling down a picture of a Macbook and to its left a list of features float up, the Mac in the picture is on the main AutoHome website, and the features have checkmarks next to them and then a description. Scrolling further down, an image of an iPhone and its features float up as well. The iPhone has the AutoHome app installed on it and you can see the main page. The 'tour' page is meant to show what exactly our product encompasses so far, we plan to add another section for the actual device that you need to install at home.

The 'features' page is very self-explanatory. This page is beautifully designed using animations as well, scrolling down brings up a list of detailed descriptions of different features that our software and device support. Here we describe all of the capabilities of our software and device such as being able to connect to light bulbs, to automate their home security, to be able to play/stop music, to be able to monitor/control devices remotely from anywhere, etc. And the 'Contact Us' page just has a form on it that allows you to submit an email with your concern to our support staff.

The mobile application is also designed to be very user friendly and optimized for ease of access to all of the features that our software offers. Once you launch the application, it asks you

to login with your username and password, and if you don't have one, it gives you the option to create an account. Once you login to your account, you can swipe from the left to pull out the application 'menu'. Here you can browse to a number of pages including; 'Add Device', 'Lights', 'Speakers', 'Door Lock', 'Share', 'Send'.

Each of these pages serve a core feature in our software. The 'Add Device' page allows you to add a new device to your home network. The 'Lights', 'Speakers', and 'Door Lock' pages each allow you to view those devices' individual statuses and from there also be able to control their behavior. The 'Share' and 'Send' pages allow you to share information about your home network or an event that occurred with other people.

Overall the mobile application and website is currently designed in order to be optimized to be as user friendly as possible and to stay as easy as possible to use. Through our website, you can create an account, login, and find out more about our software and device (client to control devices currently being developed). Through our mobile application, you can create an account, and login. We have several pages setup, but none of them are currently functional/linked to our live database. They are the primary focus of our next phase of development and will be available soon!