**Home Finder AR:**

* “AR WORLD “  is basically a  mobile responsive web-application.
* That can help user in many ways like to find others home  details, it will provide bus schedule dashboard , multi/apartments details with the help of our AR marker.
* The user just need to upload his/her details to create a marker and along with this marker (.patt) file is used to register there, when someone  scan this marker all the details filled by the user will display on the screen.
* There is no existing system available, however Google in Google I/O 2018 launched Google Maps AR  which uses Augmented reality, camera and image/video processing to guide people with the correct streets rather than letting them follow that blue dot on the prior Google Maps.
* Our system mainly focuses on data wrangling that’s how we can decrease the load of image/video processing,that’s why we are using marker’s recognition in place of image/video processing.
* Used Python(CGI) for data handling and downloaded AR.js (aframe framework).
* Used and provided AR maker training tool to users.

**Modules in our Product:**

1. **Home Finder :** Finding someone’s home can become more easier by just scanning the marker of the user, it will display the details of the owner and can be used as virtual name plate.
2. **Bus Finder :** What if we put marker on buses by this a passenger can get all the details of the bus like origin of the bus (starting point),Destination,Stops,bus image,as safety point of view we added driver and conductor’s contact info too if someone left their stuff in the bus.
3. **Multi/Apartment Finder :** In multi system user can upload details   a.)Builder name and contact b.) Area of the apartment  c.) Multi map and care taker information and etc. , By this a buyer can get information without wasting any time and even builder will get interested buyers only.

**Contents :**

* Index.py file
* Markers (.patt file)
* Images(.jpg/.png )
* Marker images to get it pasted on objects.

**Way to host our project :**

Just download wamp server and place this directory within that and after that wamp->www->our directory then start the server and run the index.py.

Database architecture

Database name : homear

Tables:

* [admindet](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=admindet&pos=0)
* [apprbus](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=apprbus&pos=0)
* [apprmul](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=apprmul&pos=0)
* [approved](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=approved&pos=0)
* [buses](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=buses&pos=0)
* [buspcode](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=buspcode&pos=0)
* [employee](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=employee&pos=0)
* [multies](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=multies&pos=0)
* [pascode](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=pascode&pos=0)
* [updetails](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=updetails&pos=0)
* [usedmark](http://localhost/phpmyadmin/sql.php?db=homear&token=d1735a7074e6437d27c7c31b3a065492&table=usedmark&pos=0)