

# Locify

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# About Locify

Locify is an android application programmed in java.

It is an application where you can check the weather cast in your location using Yahoo Forecast API[1] and save the current state in database.

The information is stored in the database every time that a user saves his result :  
City, Country , Temperature

## Background

Main Activity of this app is basically an activity where the user can see his location and the weather cast. There are two buttons , if you want to save the current result, and if you want to view the past results.

After clicking the save button all the current information get saved in database, and by clicking the View All Button, we can see the table of the results.

The result that automatically shows in the Main Activity has a lot code behind it, to get the current cast, to get the location etc.

Locify stores the data through SQLiteDatabase[2] so the user can see all his saved results when ever he want.

The most important class that does the biggest job here is YahooWeatherService, i used a lot tools to have the result on the main page.

The most important methods there are addLocation(), serviceSuccess and serviceFailure().

By the way the app is not finished yet, it need some new features to be more attractive and useful.

## Requirments

After i dont have an android device, the app is tested only in Emulator, so not everything is tested as it should.

## Locify in next steps

This was only the first step of this project, i plan to add a lot more stuff on it. The next version will be with a lot more features, the user will be notified for any fast change of the weather, user can make pictures and uses the weather interface on it, like snapchat does. So he can make a live picture, and he can set the temperature and the weather image on it.

## Experience

The only reason why i am proud that i created this app is that i learned a lot about Android, this was my first project and it was a great challenge, programming in android is really fun. Learned a lot new things that i only heard but never used them in programming, like permissions, weather APIs, SQLite etc.

## 4. References

[1] <https://developer.yahoo.com/weather/> - Yahoo Weather API

[2] <https://developer.android.com/training/basics/data-storage/databases.html> - SQLite Training

Tutorials : <https://thenewboston.com/videos.php?cat=6>

Weather Tutorials : <https://www.youtube.com/user/DigitalPhantomFX>