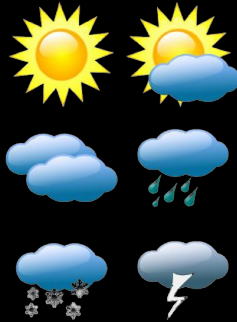


CSE4002 : MOBILE APPLICATION DEVELOPMENT

MY WEATHER APP



19BCE7048 - Gudi Varaprasad

19BCE7011 - P.V.S.S.Ramakrishna

19BCE7274 - Nikhilesh Gunnam

19BCE7695 - P. Yaswanth Naidu

AGENDA



- Motivation
- Features of the app
- Tools & Technologies
- Methodologies
- Modules
- Timeline & Planning
- Future Scope

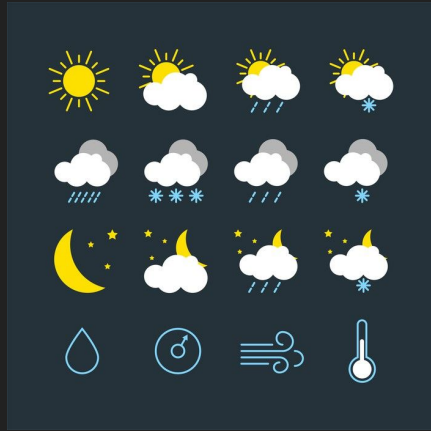
MOTIVATION

- No one can imagine how the weather is going to be on a subsequent day.
- Definitely, the Weather forecast is a big thing that enabled many of us to stay notified about the changes in climatic conditions beforehand. It can be said that it is one of the greatest advancements of all time, mothered by innovative technologies and creative thoughts.
- Having an up to date information about the weather helps us to take well-read decisions. These weather apps constantly update the forecasts for a day or hour or sometimes for even a minute.
- These can be simply termed as the compact weather devices, as they do not only tell about the temperature of that specific region; instead they can describe the accurate time of the sunrise and sunset, the time of the rainfall, humidity levels, etc.



The furtherance of weather forecasting is - WEATHER APP DEVELOPMENT

FEATURES OF THE APP



Weather Description



Temperature of
Specific location



Weather Forecast

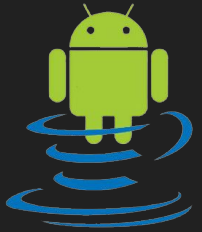
TOOLS & TECHNOLOGIES



Android
Studio



Figma

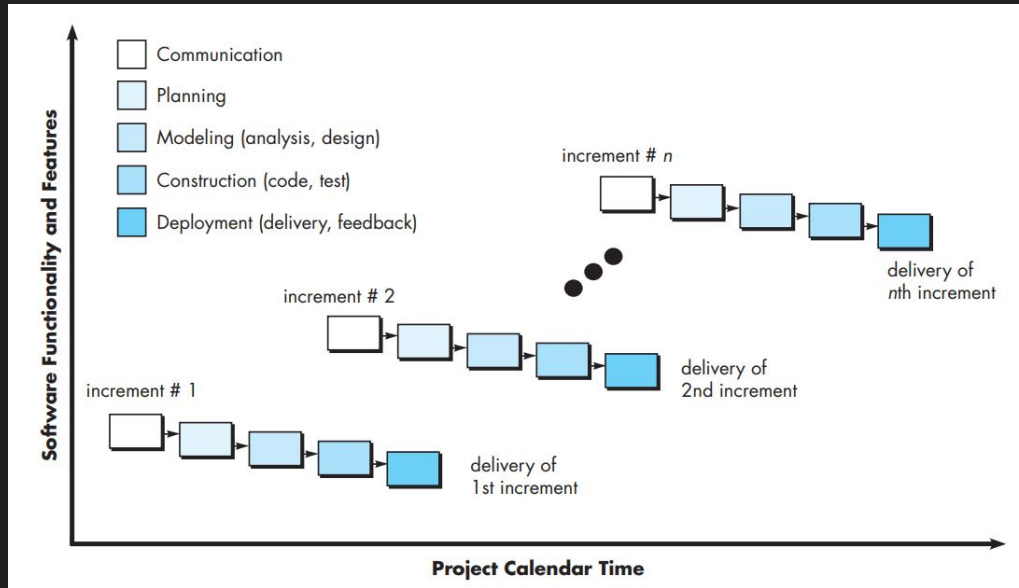


Java



POSTMAN

METHODOLOGY



The Incremental Model of Software Engineering

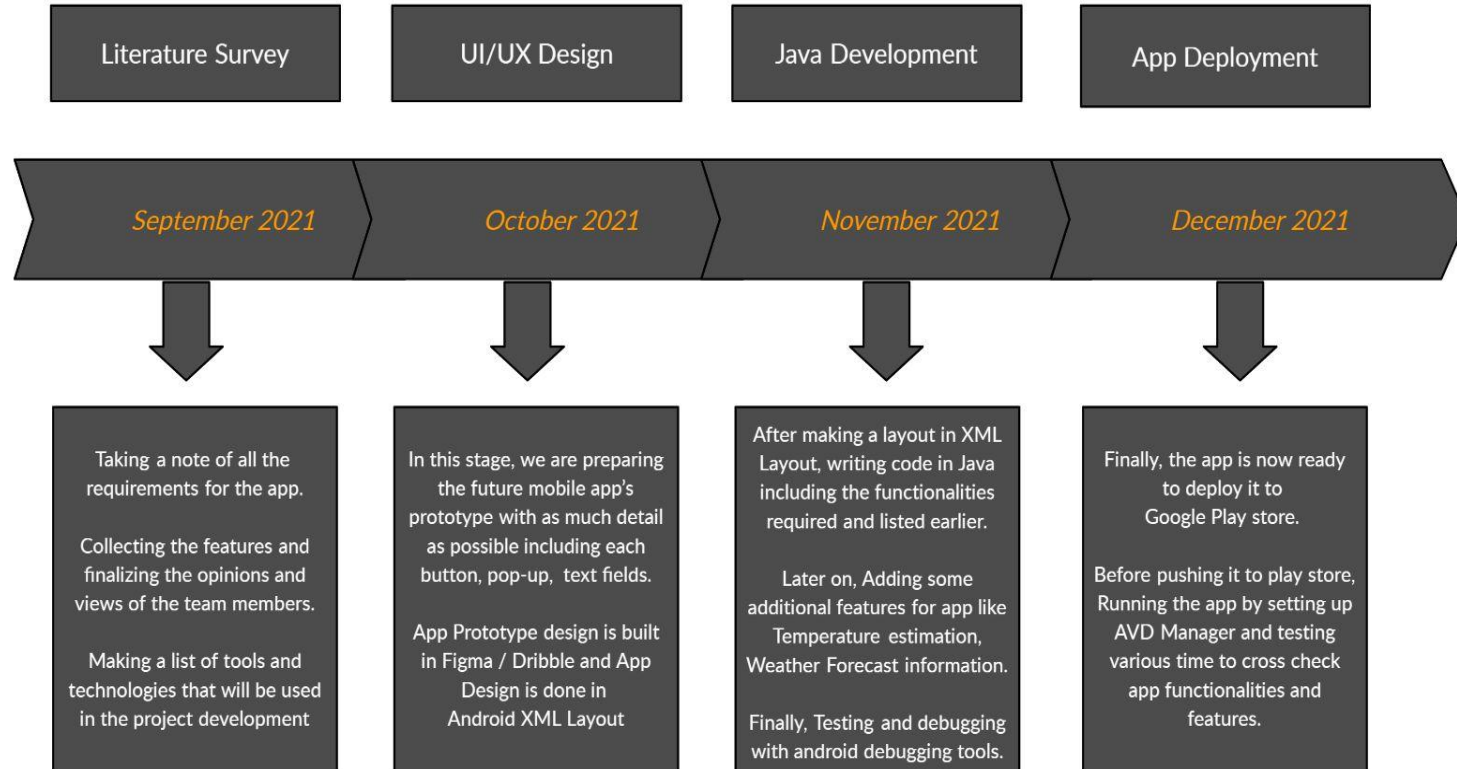
- Requirements divided into multiple standalone modules.
- Every subsequent release of the module adds function to the previous release.
- Requirement Analysis, Design & Development, Testing, Implementation.

MODULES

- ❑ UI/UX Design Layout.
- ❑ User Input Control (Text Field) and User Location Search.
- ❑ Drawables, Themes and Styles, Material & Background design.
- ❑ API Development (Weather API & Postman API).
- ❑ Deployment into Google Play Store.



Android Weather App Development - Monthly Timeline Chart



FUTURE SCOPE



Agriculture



Plan a Journey



Fishing & Boating

& many more ...

LET'S END TO BEGIN

The goal of weather prediction is to provide information people and organizations can use to reduce weather-related losses and enhance societal benefits, including protection of life and property, public health and safety, and support of economic prosperity and quality of life.



THANK YOU

