*Wind Farm Functionality*

*As we now that the main purpose of our project to make a decision that this place is*

*Suitable for wind farm or not and make design layout of this.*

**Wind speed monitoring.**

**Analysis and interpretation of wind speed data.**

***Validate coordinates*.**

***Get wind data set for specific coordinates (using DB).***

***Determine suitable place for establish wind farm.***

***Design turbines layout.***

***Generate turbines relations and position.***

***Analysis energy yield.***

***Optimized power get from turbines.***

***Used map based GPS.***

***Design wind farm layout.***