## +private int id +private str name +private object clock +private object calendar +private str InspirationalN +private object weather +private str greeting +private object music +private object smartHor +private object LunarPha +private boolean DayNigl + public void createProfile

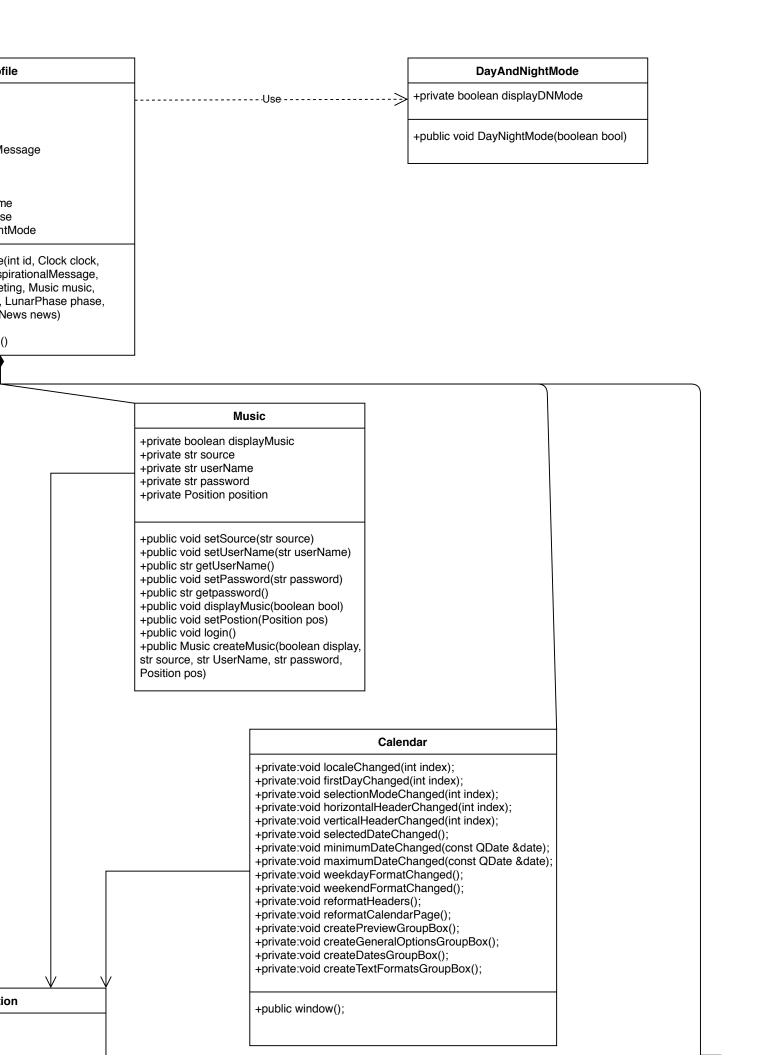
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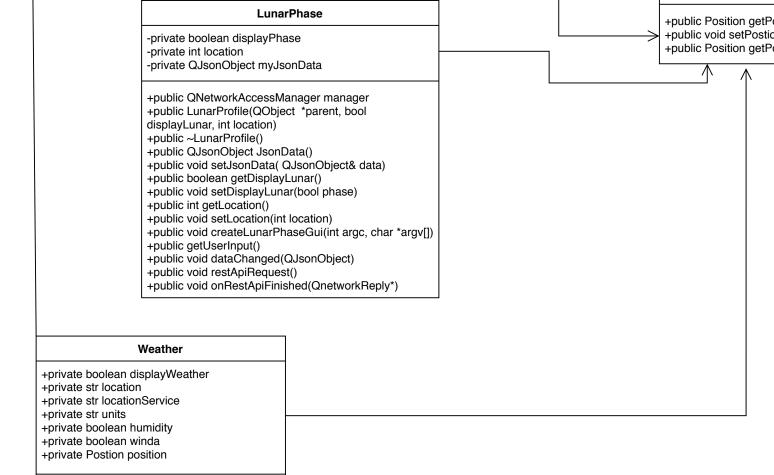
**Posit** 

+private int xCord +private int yCord

+ public void createProfile Calendar calendar, str ins Weather weather, str gree SmartHome smartHome boolean DayNightMode, +public str getName() +public void createProfile

## **NewsProfile** +private boolean displayNews +private str category +private str country +private Position position +public void setdisplayNews(boolean display) +public void setCategory(str category) +public void setCountry(str country) +public bool getdisplayNews() +public str getCategory() +public str getCountry() +public void setPostion(Position pos) +public NewsProfile(boolean display, str category, str country, Position Pos) Greeting +private str name +private boolean displayGreeting +private Position position +public void displayGreeting(boolean bool) +public void setName(str name) +public void setPostion(Position Pos) +public str getGreeting() InspirationalMessage +private str displayMessage +private string[] messages +private Position position +public void displayMessage(boolean bool) +public void addMessage(str msg) +public void setPostion(Position pos) +public str getMessage()





+public void displayWeather(boolean bool)

+public void setLocationService(str service)

+public void displayHumidity(boolean bool) +public void displayWind(boolean bool) +public void setPostion(Position pos) +public Weather createWeather(boolean display, str location, str service, str units, boolean humidity, boolean wind,

+public str getLocation()

Position pos)

+public void setUnits(str units)

+public Weather createWeather()

osition(int x, int y) n(int x, int y) osition()

## Location

- +private void searchButton\_clicked()
- +private void lineEdit\_returnPressed()
- +private void confirmButton\_clicked()
- +private void cancelButton\_pressed()
- +private QJsonDocument docJsonData
- +private QJsonObject resultJsonData
- +private str location
- +private str query
- +public void setLocation(str locationkey)
- +public str getLocation()
- +public QJsonObject JsonData()
- +public void setJsonData(QJsonObject data)
- +public QJsonDocument getDocJsonData()
- +public void setDocJsonData(QJsonDocument data)
- +public QNetworkAccessManager manager
- +public QUrl getUrl(str text)
- +public str sprintJson(QJsonValue jsonValue)
- +public void jsonParser(type stream,

QJsonValue entry, int indentLevel)

+public void setApiFinished(QNetworkReply)

## Clock

- +private boolean clock
- +private str timeZone
- +private str timeFormat
- +private boolean displaySeconds
- +private string dateFormat
- +private boolean displayDate
- +private boolean displayAmPm
- +private boolean displaySunRise
- +private boolean displaySunSet
- +private Position position
- +public void displayClock(boolean bool)
- +public int getTime()
- +public void setTimeZone(str TZ)
- +public void setTimeFormat(str TF)
- +public void displaySecondsDisplay(booelan bool)
- +public void setDateFormat(str format)
- +public void setDisplayDate(str type)
- +public void displayAmPm(boolean bool)
- +public void displaySunRise(boolean bool)
- +public void displaySunSet(boolean bool)
- +public void displayClock(boolean bool)
- +public void setPostion(Position pos)
- +public str getLocation()
- +public Clock createClock(boolean display,

str timezone, str format, boolean displaySeconds,

str dateFromat, boolean displayDate.

boolean displayAmPm. boolean displaySunRise.

boolean displaySunSet, Position pos)

+public Clock createClock()