

UI

## MainWindow

+ app : Application  
+ dialog\_widget : Qwidget  
-----  
- edit\_simple\_alert

uses

## SimpleAlertEditWidget

+ alert\_message\_edit : QLineEdit  
+ date\_time\_edit : QDateTimeEdit  
+ periodicity\_edit : QTimeEdit  
+ font\_size\_edit : QSpinBox  
+ color\_edit : ColorSelectorWidget  
+ sound\_edit : SoundSelectorWidget  
+ accept\_button : QPushButton  
-----  
- init\_ui()

\_clockAlarm

## AlertCollection

- parent : App  
- db : TinyDB  
- alert\_list : Alert[]  
-----  
- display()

update

database

&lt;&lt;Abstract&gt;&gt;

*Alert*

+ id : int  
- trigger\_time : int  
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+ get\_id()  
+ get\_trigger\_time()

## SimpleAlert

+ notification : Notification  
+ periodicity : int  
-----  
+ get\_periodicity()  
+ get\_notification()