

QMainWindow

```
classDiagram
    class QMainWindow
    class AuthScreen {
        + AuthScreen(QWidget *parent=nullptr)
        + ~AuthScreen()
    }
    AuthScreen --|> QMainWindow
```

The diagram illustrates a class hierarchy where AuthScreen inherits from QMainWindow. QMainWindow is shown as a base class with an empty body. AuthScreen is shown as a derived class with a gray background, containing two public methods: AuthScreen(QWidget *parent=nullptr) and ~AuthScreen(). A blue arrow with an open triangle head points from AuthScreen to QMainWindow, indicating the inheritance relationship.

AuthScreen

+ AuthScreen(QWidget
*parent=nullptr)

+ ~AuthScreen()