

Object-Oriented Programming Project

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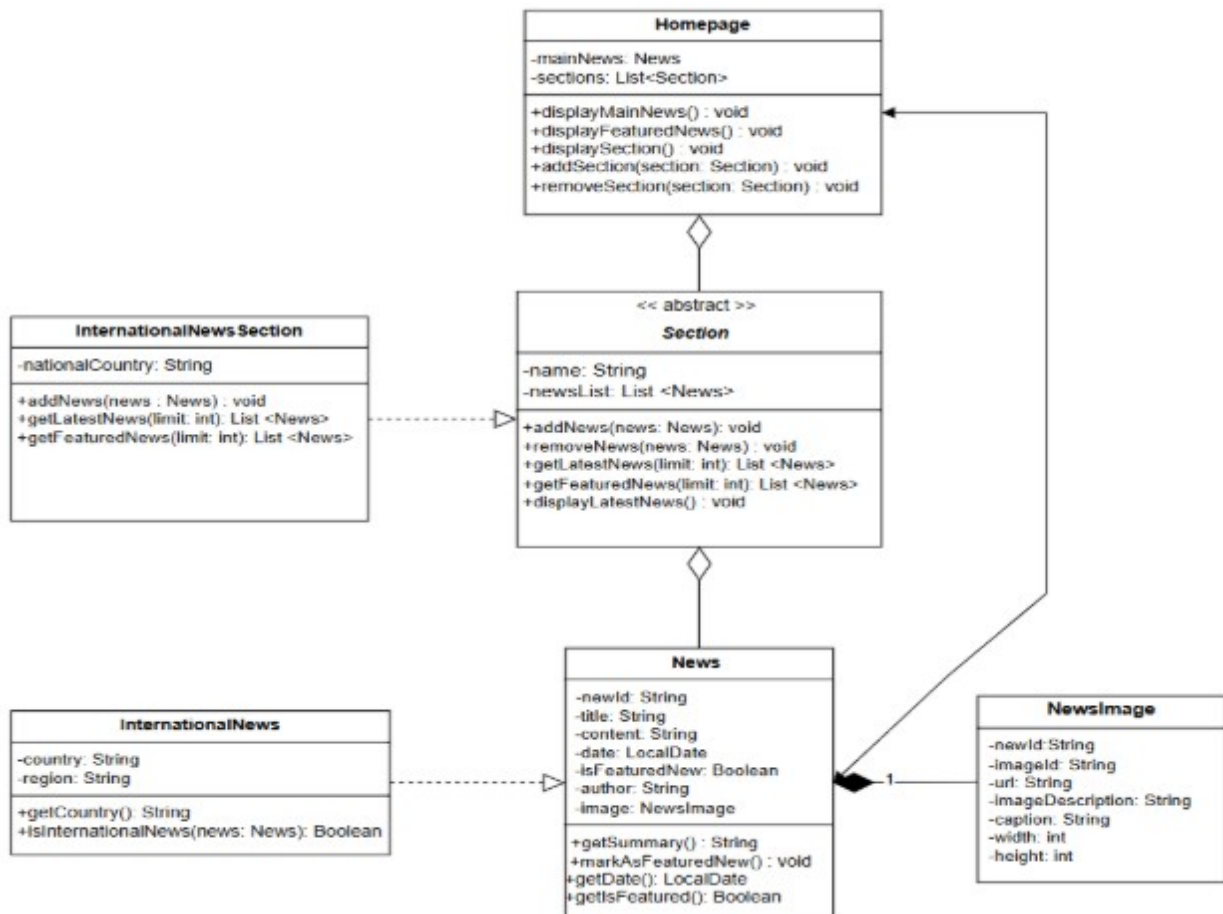
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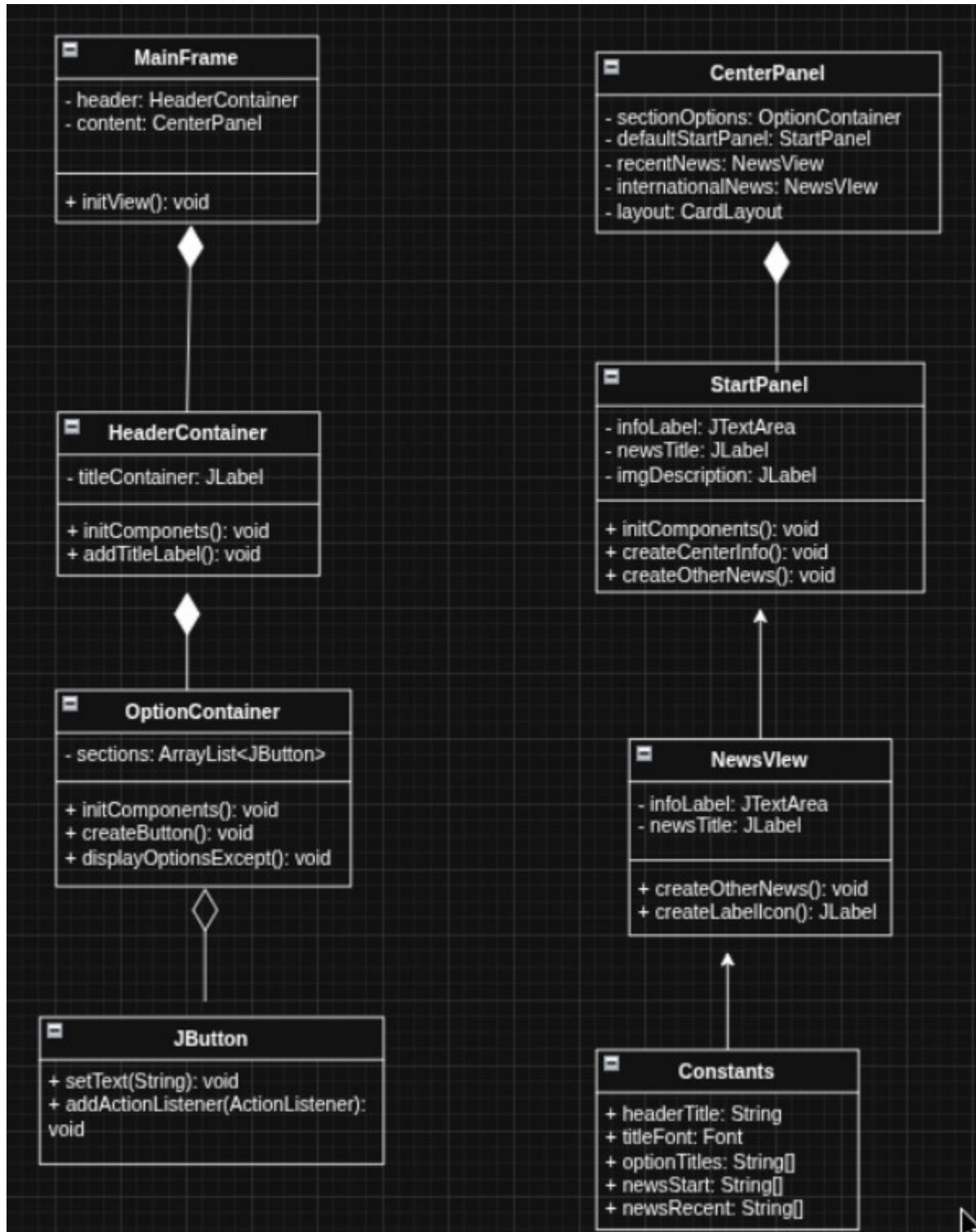
DIAGRAMS:

UML diagram applying Solid:



By adjusting the composition-to-aggregation ratios where most appropriate. These changes strengthen adherence to SOLID principles, resulting in a more robust, flexible design that is easier to maintain and extend for future news system functionality.

MINI-DIAGRAM FOR GUI:



Directory structure:

```
└─ NOTIZO/
  │ └─ bin/
  │   │ └─ gui/
  │   │   │ └─ CenterPanel.class
  │   │   │ └─ Constants.class
  │   │   │ └─ HeaderContainer.class
  │   │   │ └─ MainFrame.class
  │   │   │ └─ NewsView.class
  │   │   │ └─ OptionContainer.class
  │   │   └─ StartPanel.class
  │   └─ Images/
  │       │ └─ test.jpeg
  │       │ └─ testTwo.jpeg
  │       │ └─ testThree.jpeg
  │       └─ ... (other image files)
  │ └─ model/
  │     │ └─ Homepage.class
  │     │ └─ InternationalNews.class
  │     │ └─ InternationalNewsSection.class
  │     │ └─ News.class
  │     │ └─ NewsImage.class
  │     └─ Section.class
  └─ presenter/
```

```
| |      └─ App.class
| |      └─ NewsPresenter.class
| └─ lib/ ...
| └─ src/
| | └─ gui/
| | |   └─ CenterPanel.java
| | |   └─ Constants.java
| | |   └─ HeaderComponent.java
| | |   └─ MainFrame.java
| | |   └─ NewsView.java
| | |   └─ OptionContainer.java
| | |   └─ StartPanel.java
| | └─ Images/
| | |   (same image files as in bin/Images/)
| | └─ model/
| | |   └─ Homepage.java
| | |   └─ InternationalNews.java
| | |   └─ InternationalNewsSection.java
| | |   └─ News.java
| | |   └─ NewsImage.java
| | |   └─ Section.java
| | └─ presenter/
| |     └─ App.java
| |     └─ NewsPresenter.java
```

| └─ README.md

└─ Integrated report (latest version 4.0).pdf

BRIEF USAGE INSTRUCTIONS:

Clone the github repository, then go to the 'presenter' package and run the file 'App.java'

Repo guide:

└─ **NOTIZO/**

...

| | └─ presenter/

| | └─ App.java ##RUN THIS FILE AFTER CLONING REPO##

... └─ NewsPresenter.java