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**Department of Computer Science  
Faculty of Science &Technology (FST)  
Summer 19\_20**

**Course: Object Oriented Programming-02**

**Mentor: Victor Stany Rozario**

**Section: G**

**Assignment:**

**“A Digital Diary”**

**Name: Hossain, Md. Mridul**

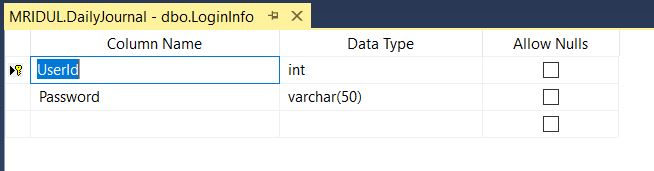
**ID: 18-38670-3**

**Problem**

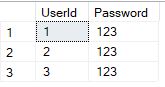
A diary is a record (originally in handwritten format) with discrete entries arranged by date reporting on what has happened over the course of a day or other period. A personal diary may include a person's experiences, thoughts, and/or feelings, pictures, comments on event based on writer's direct experience. Create a Digital Diary replacing the old hand-written system where person can store/create his/her event description with date specified. Picture can be added to any specific event. A person can create multiple events. A person can modify the existing events and can delete any specific event from his/her diary. Last Modification date is also recorded in the system. One unique feature of the system is a user can set the importance (high, moderate, less important) of any event. Each person can be uniquely identified by the system. After a successful login his/her diary of events are displayed on home screen.

**Database**

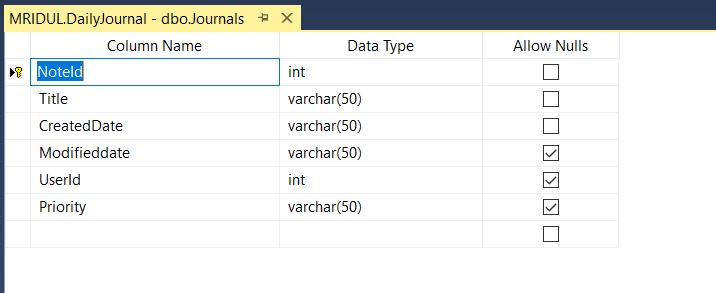
**LoginInfo Structure:**

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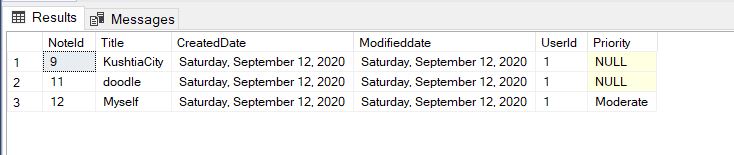
**LoginInfo Datatable:**

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**Journals Structure:**

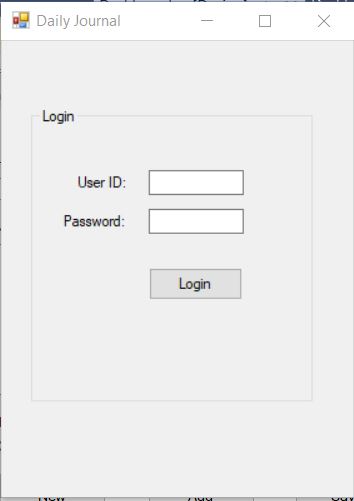
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**Journals Datatable:**

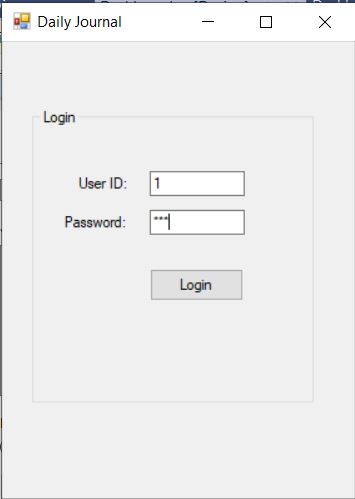
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**Output**

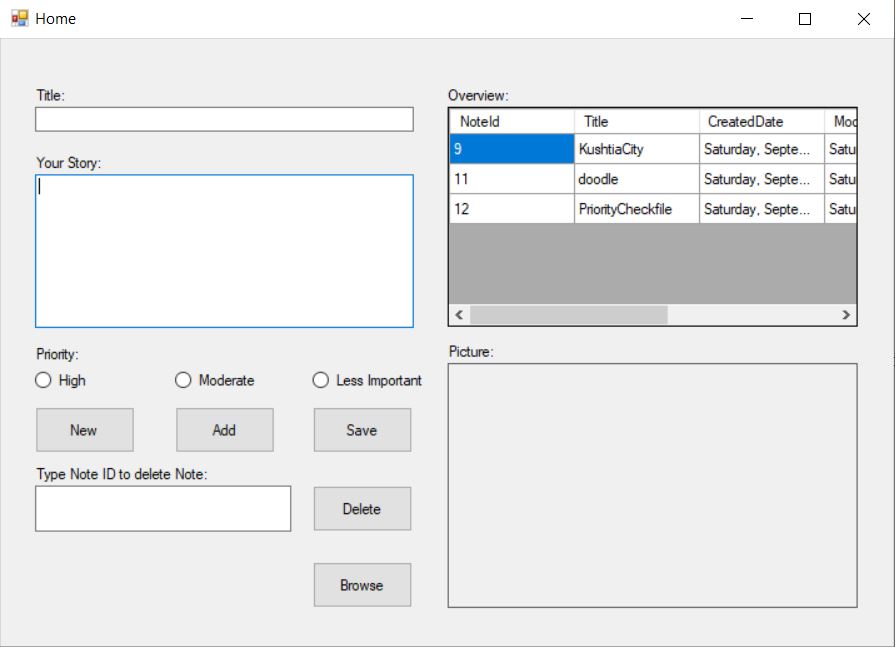
**Login Interface: (Before typing User Id & Password)**

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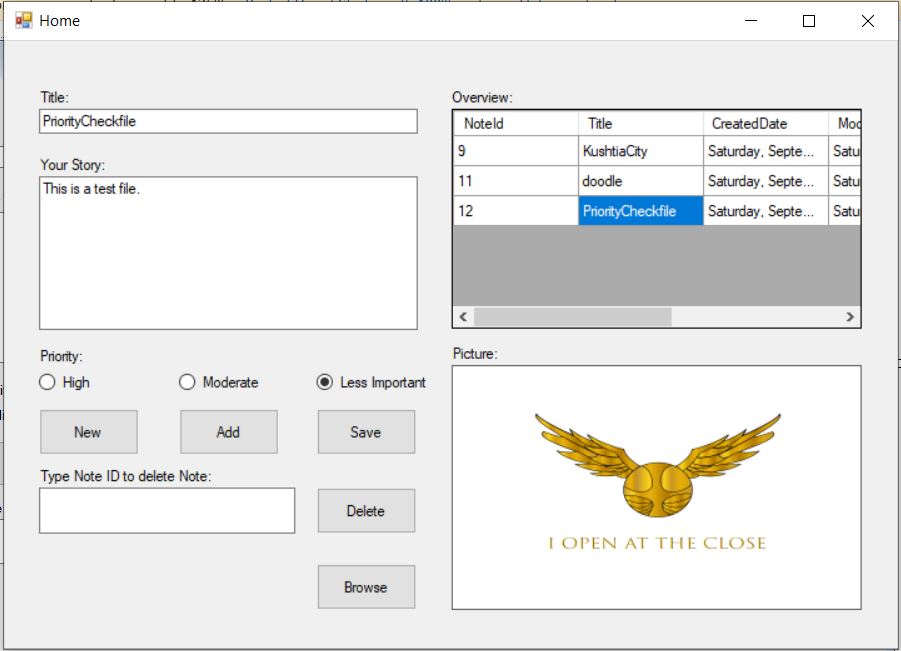
**Login Interface: (After typing User Id & Password)**

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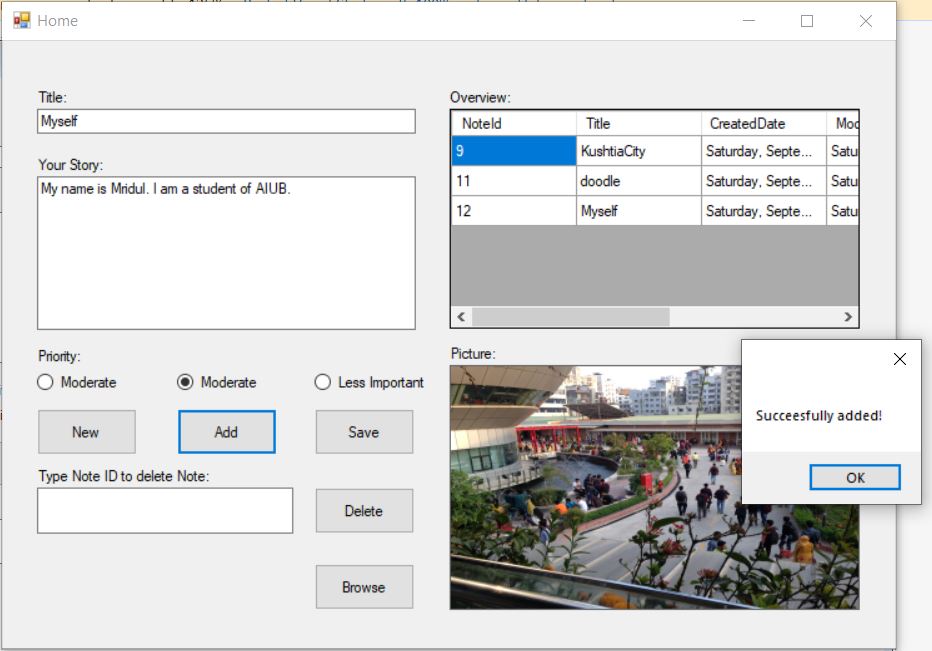
**Dashboard Interface:**

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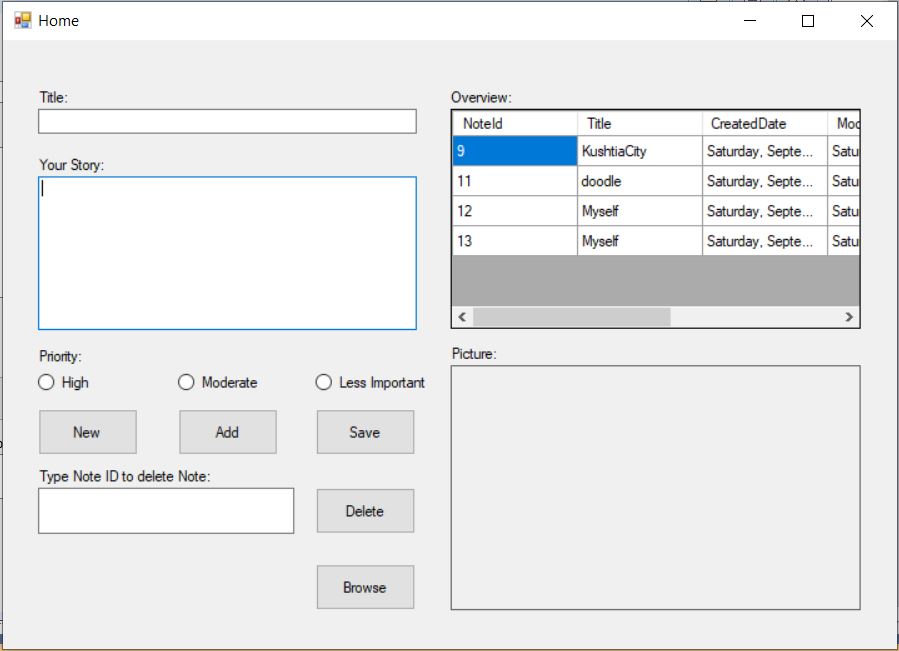
**Dashboard Interface: (After clicking GridView cell)**

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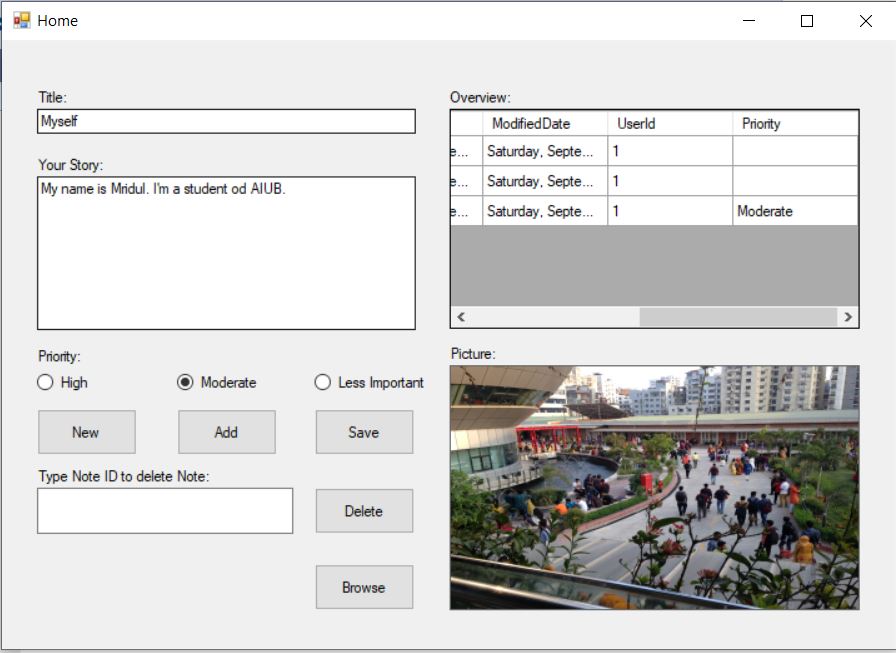
**Dashboard Interface: (After clicking Add)**

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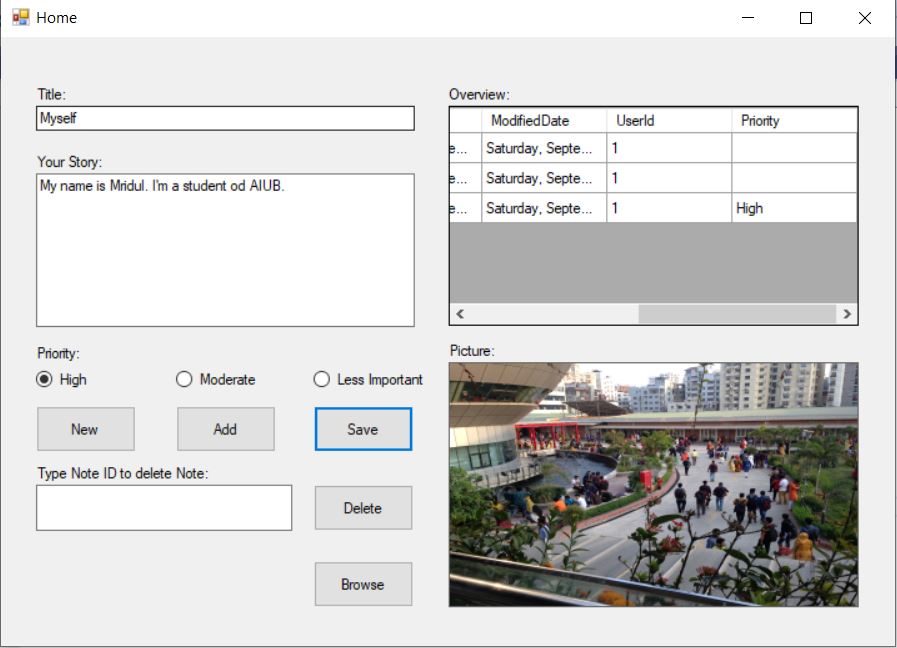
**Dashboard Interface: (After clicking OK)**

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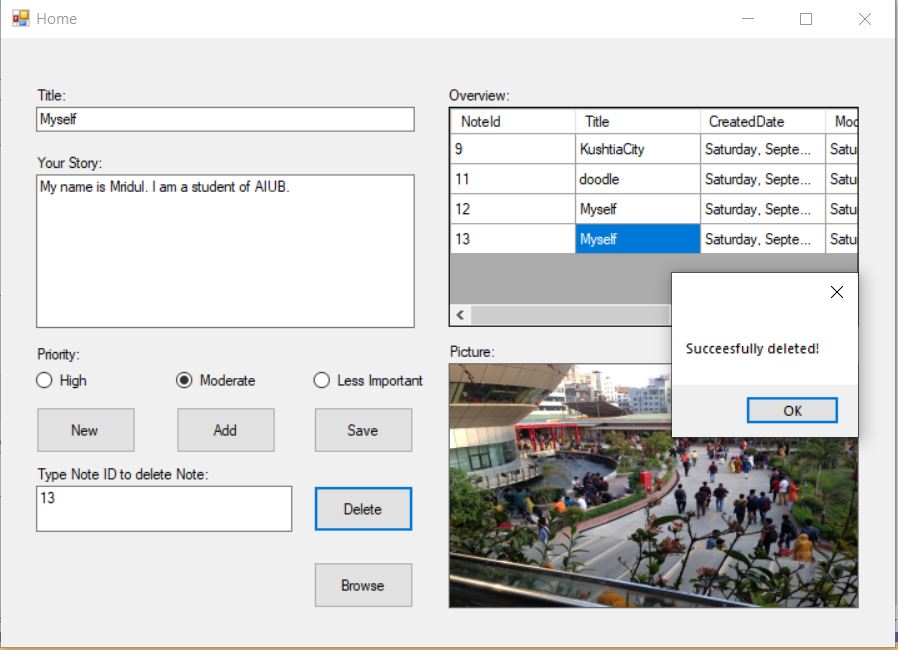
**Dashboard Interface: (Before clicking Save)**

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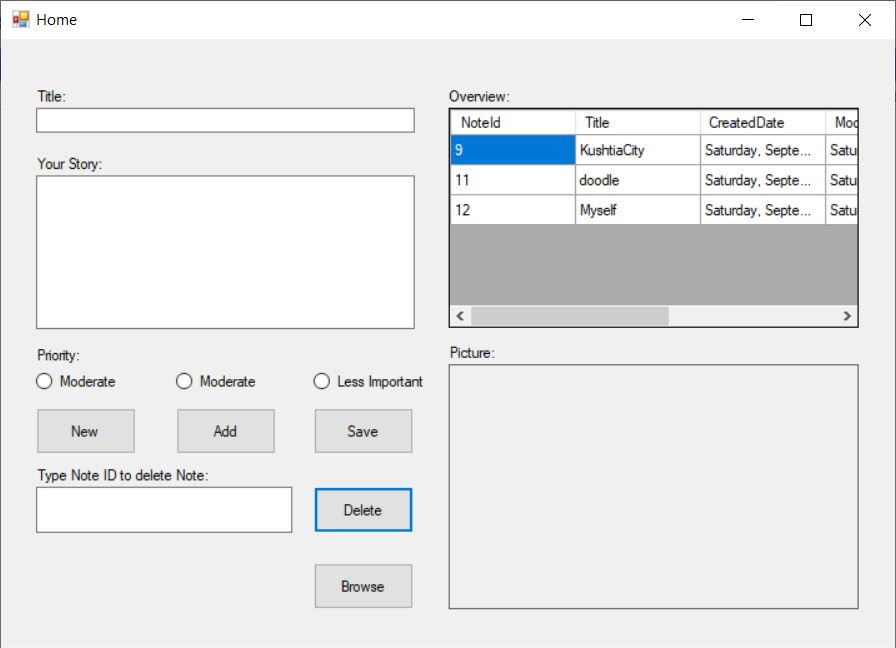
**Dashboard Interface: (After clicking Save)**

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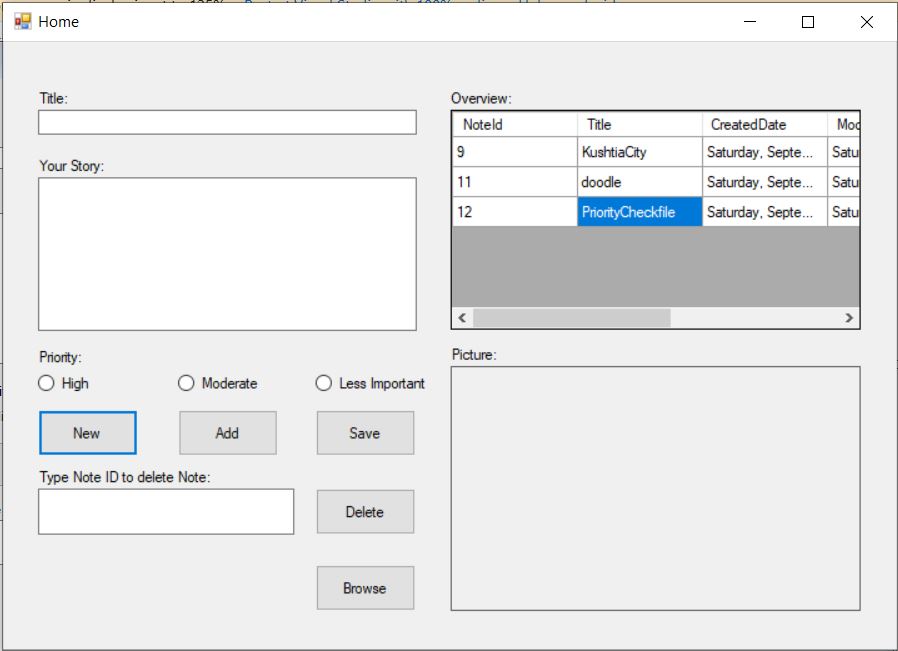
**Dashboard Interface: (After clicking Delete)**

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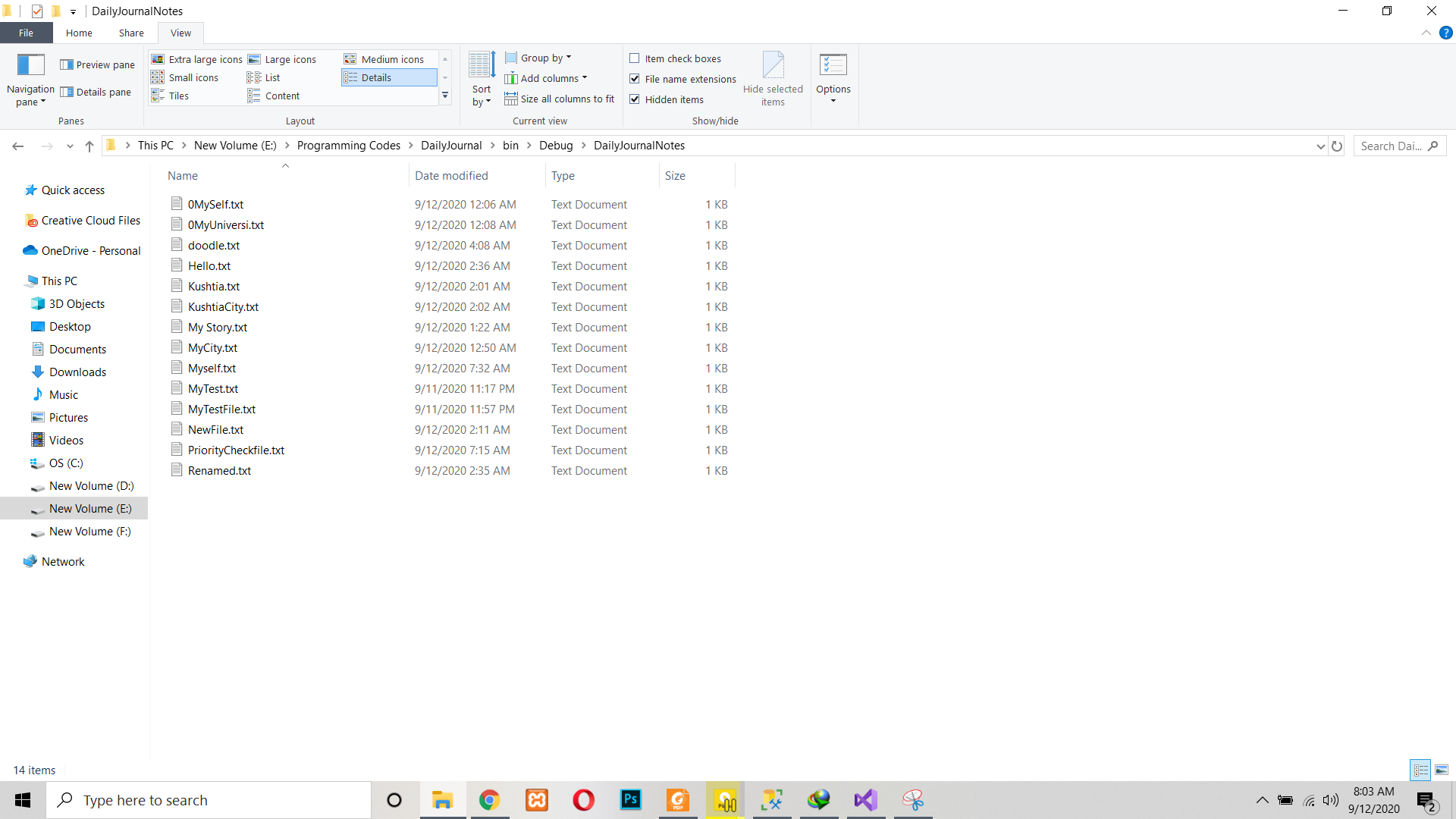
**Dashboard Interface: (After clicking OK)**

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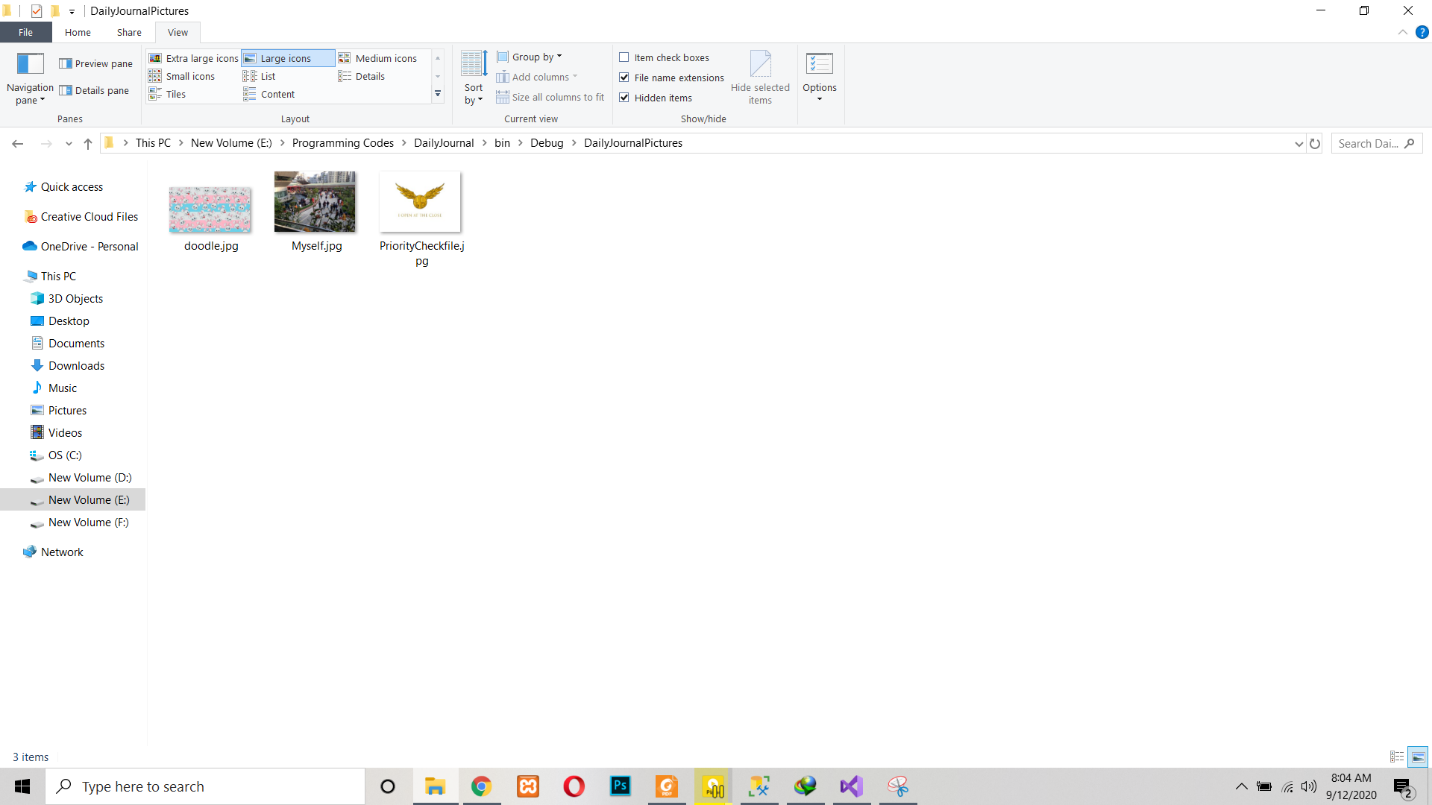
**Dashboard Interface: (After clicking New)**

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**Folder: DailyJournalNotes (Where all the stories is been saved as .txt file)**

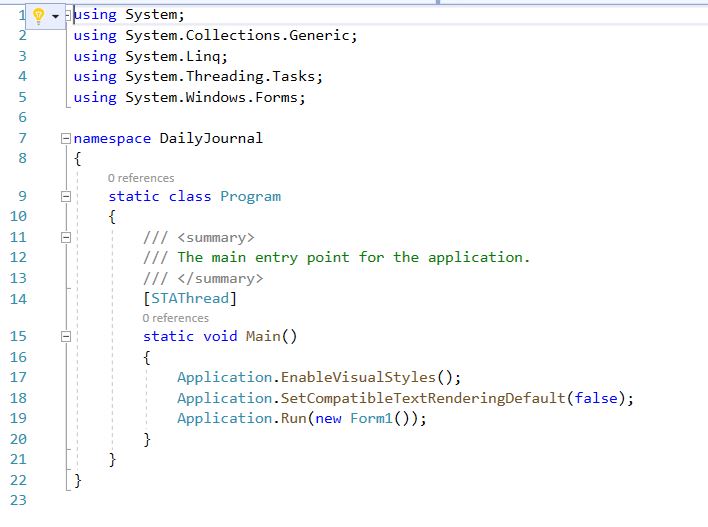
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**Folder: DailyJournalPictures(Where all the pictures is been saved as .jpg file)**

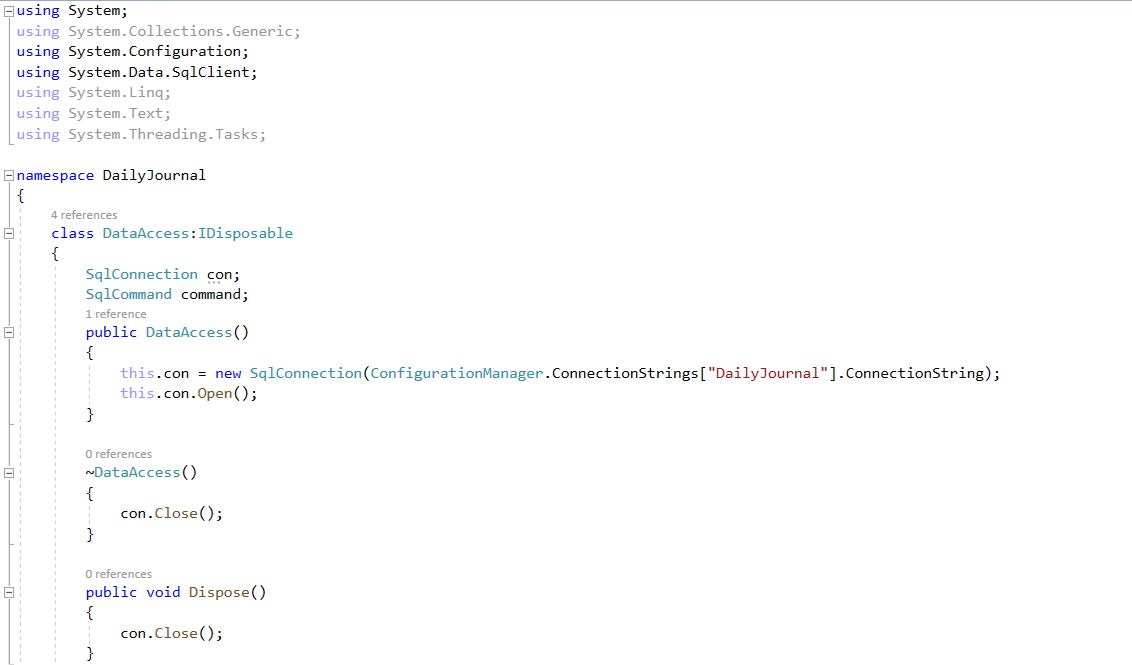
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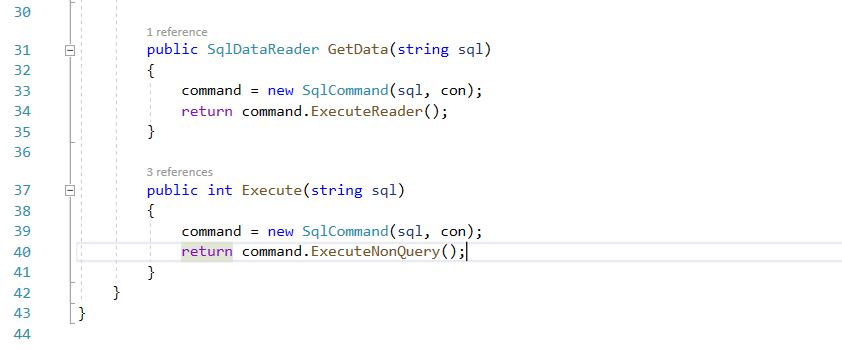
**Source Code**

**Program Class:**

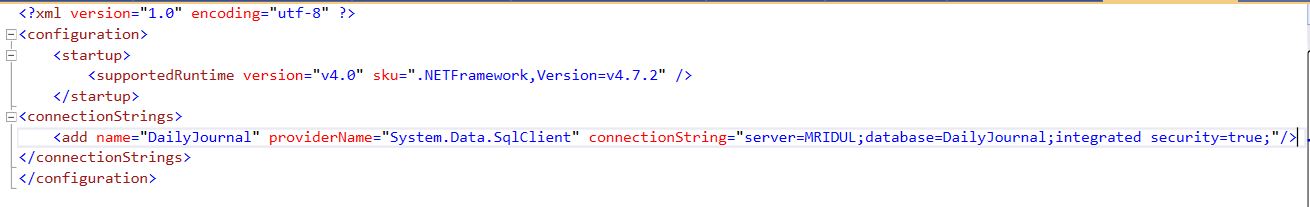
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**DataAccess Class:**

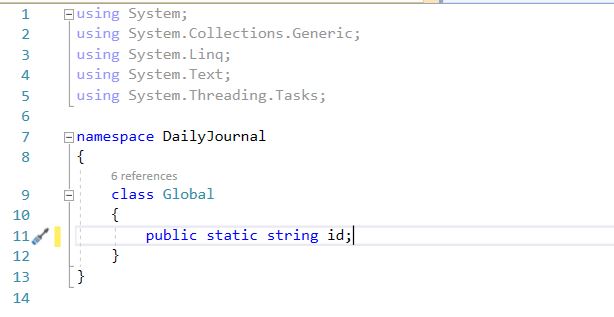
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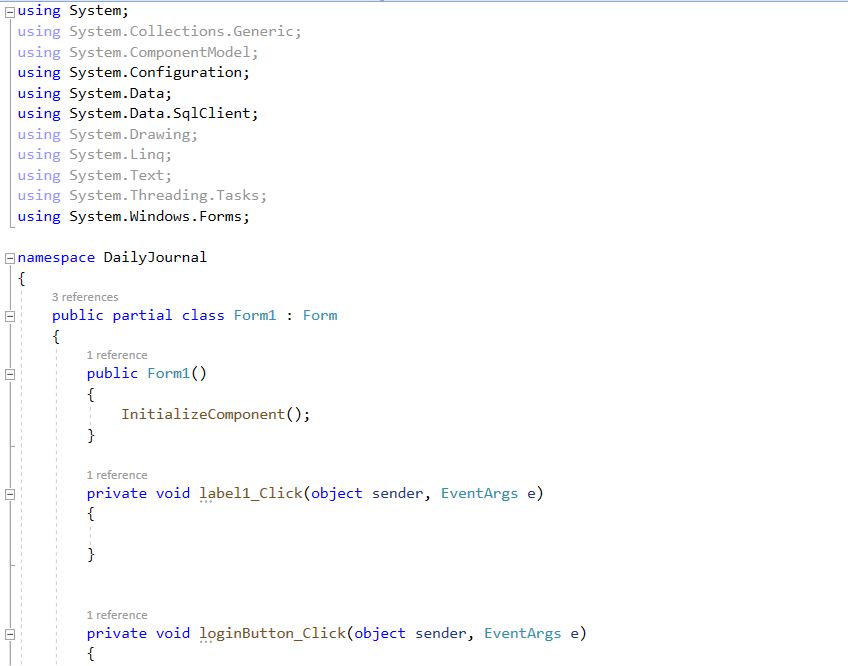
**AppConfig:**

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**Global Class:**

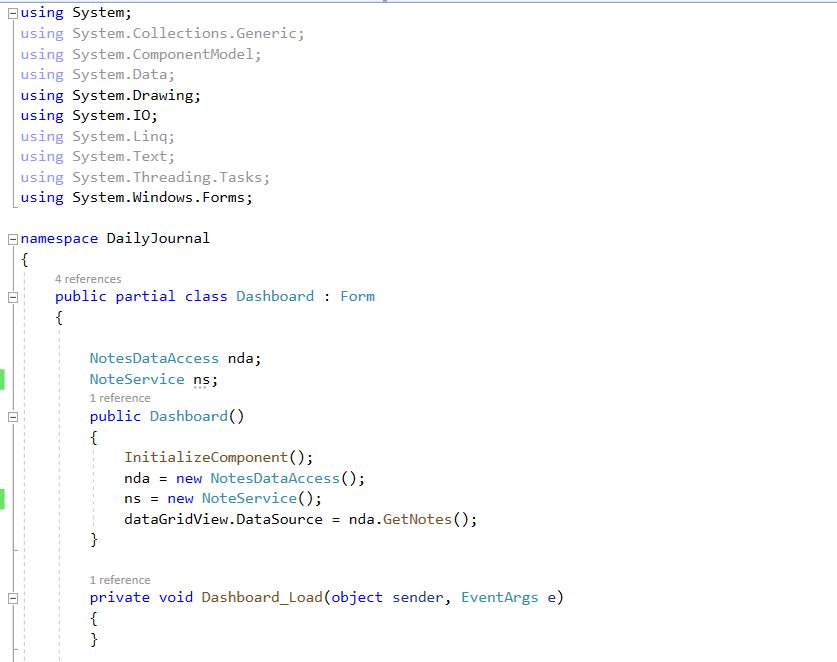
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**Form1 Class:**

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**Dashboard Class:**

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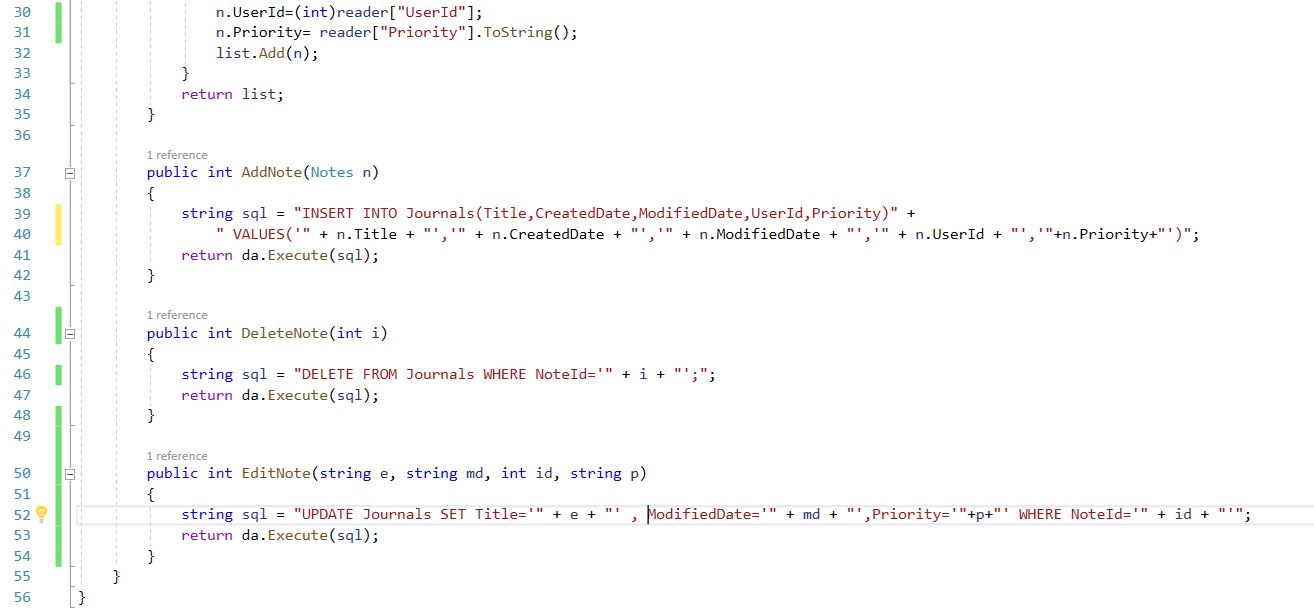
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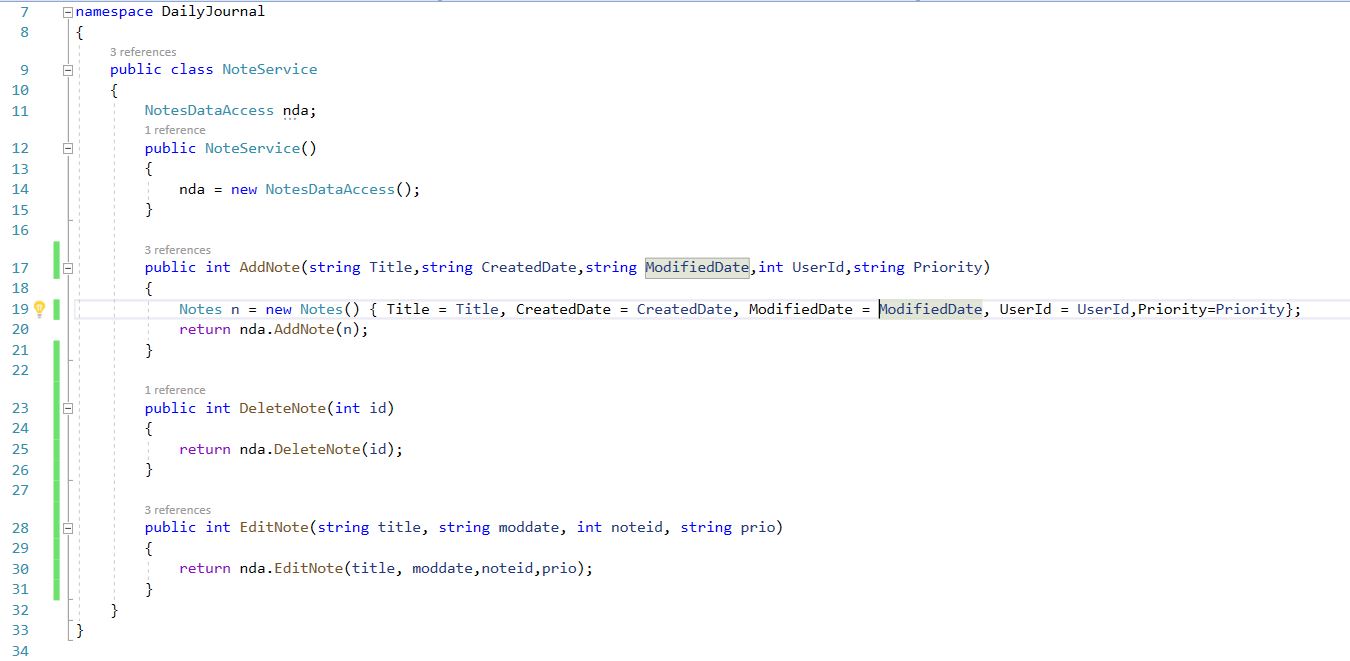
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**NotesDataAccess Class:**

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**NoteService Class:**

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**Notes Class:**

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