

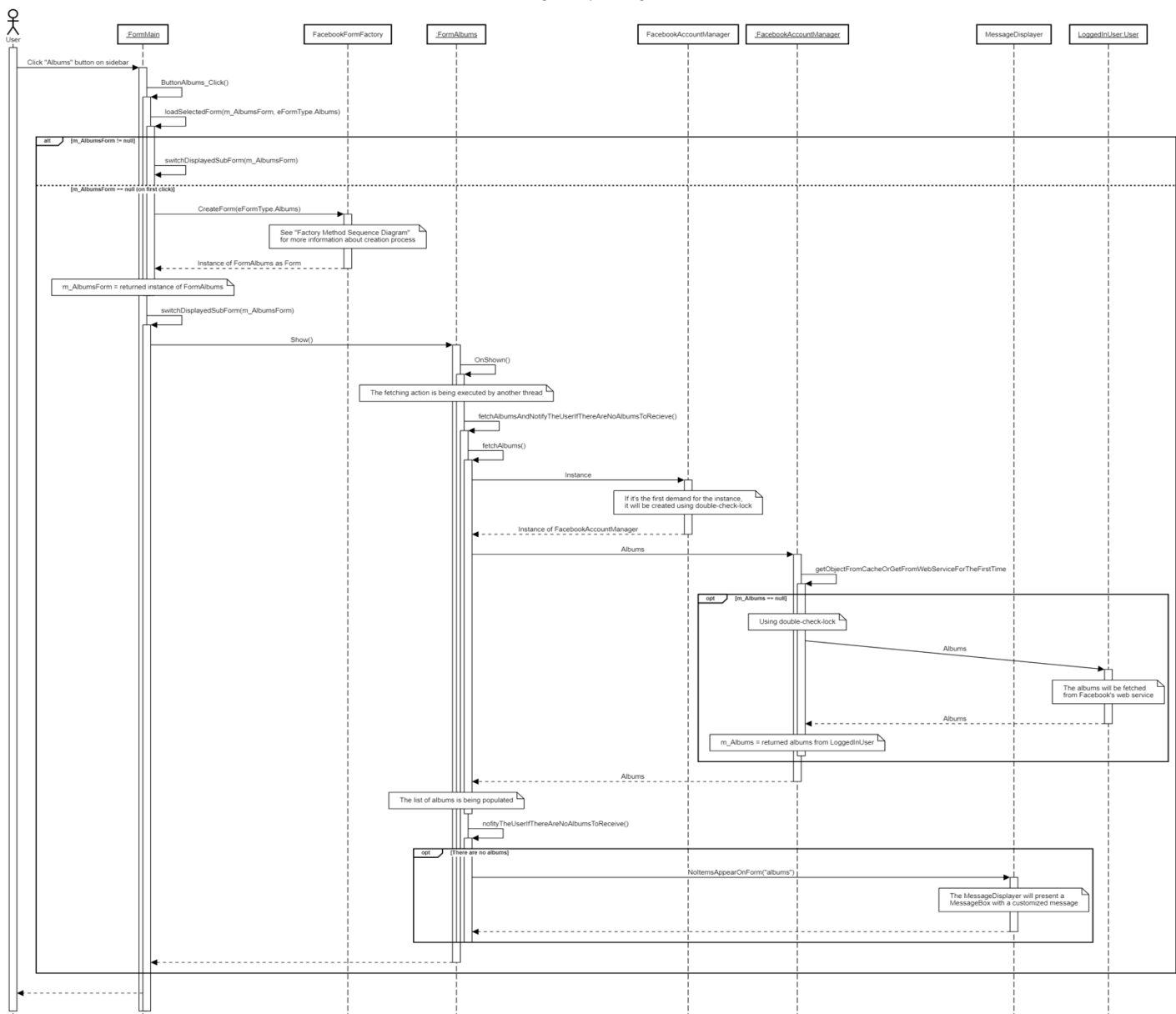
Design Pattern Used:

–Singleton:

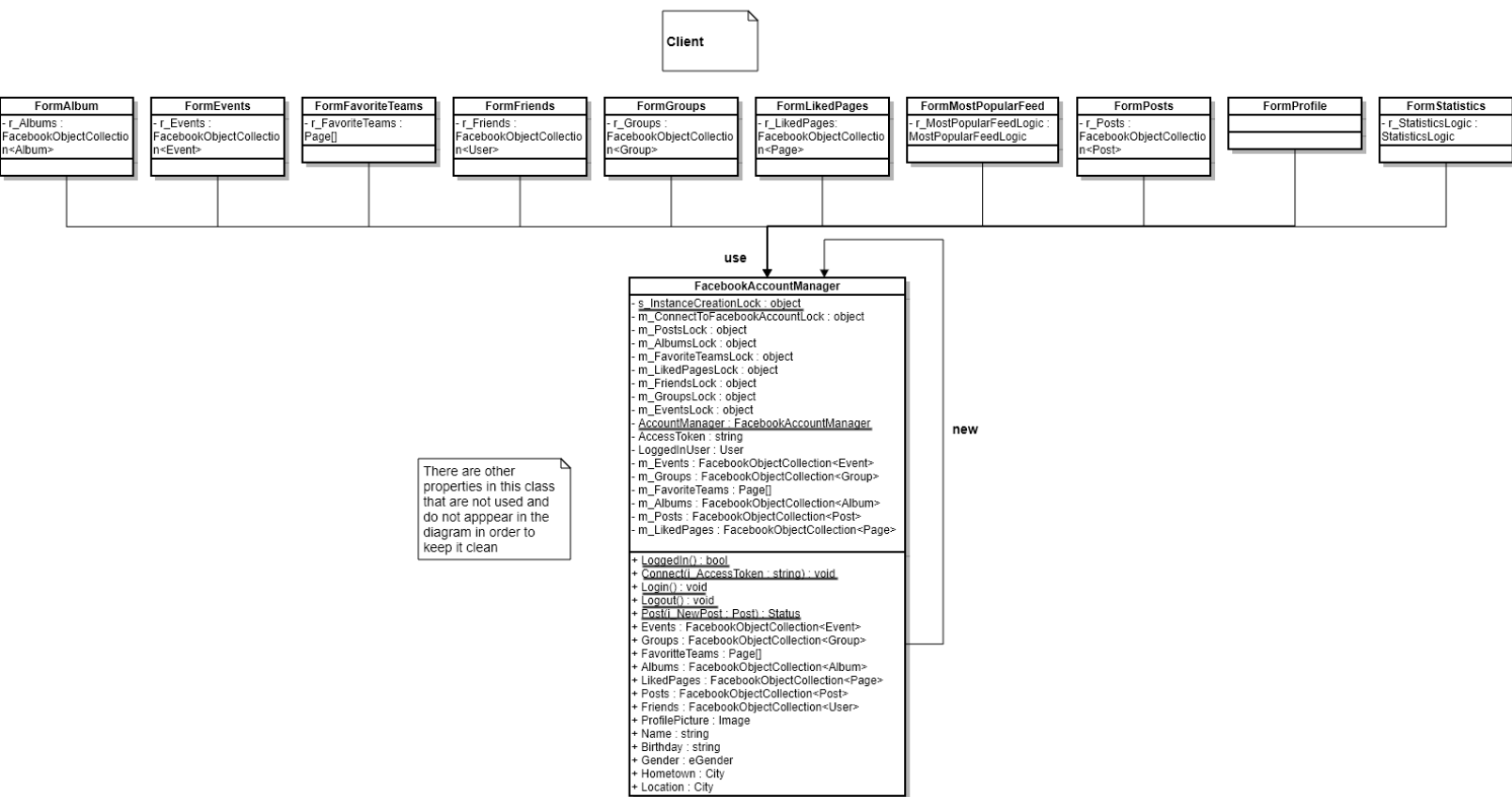
The FacebookAccountManager class is used as a singleton. Use of this class can be seen in the following classes: FormMain, FormAlbums, FormEvents, FormFavoriteTeams, FormFriends, FormGroups, FormLikedPages, FormPosts, FormProfile, , StatisticsLogic

- **Sequence Diagram:**

Singleton Sequence Diagram



- **Class Diagram:**

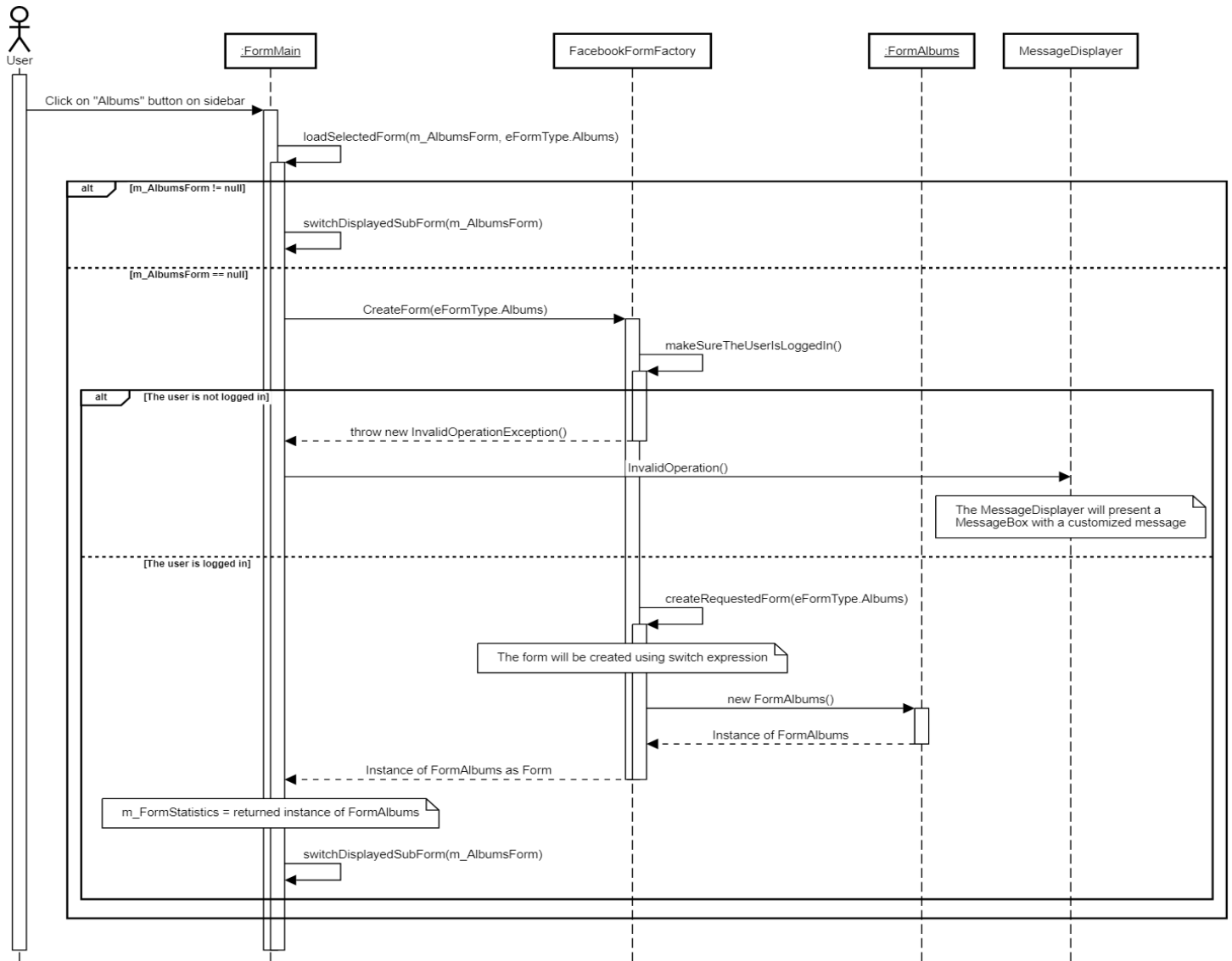


–Factory Method:

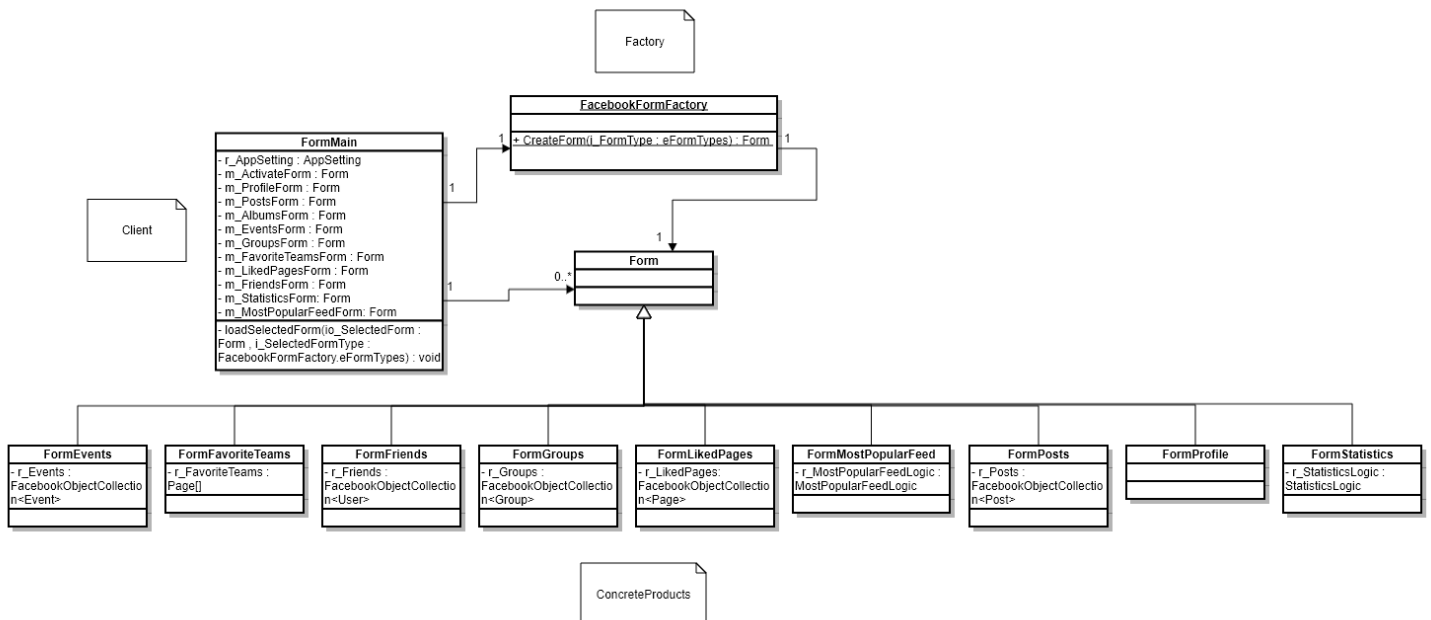
The FacebookFormFactory class is responsible for creating various forms within the application using the CreateForm method. This method takes the requested form type from a finite set of form types (Enum). The class that utilizes this FacebookFormFactory is FormMain, which requests the FacebookFormFactory to create the different forms initially based on the request.

- **Sequence Diagram:**

FactoryMethod Sequence Diagram



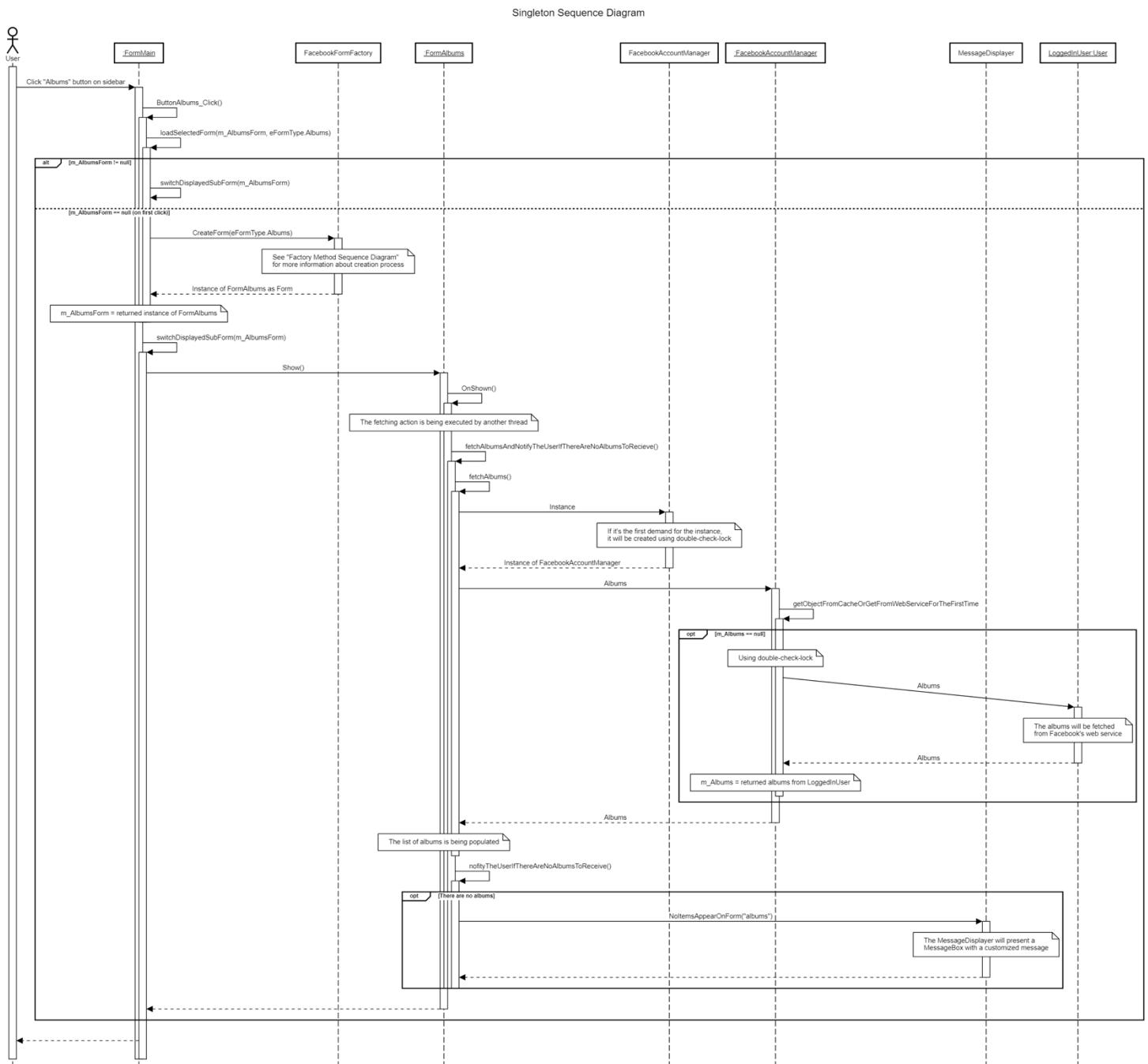
• Class Diagram:



-Caching Proxy:

The FacebookAccountManager class serves as a Caching Proxy. This class is utilized by the following classes: FormMain, FormAlbums, FormEvents, FormFavoriteTeams, FormFriends, FormGroups, FormLikedPages, FormPosts, FormProfile, MostPopularFeedLogic, StatisticsLogic

- **Sequence Diagram:**



- Class Diagram:

