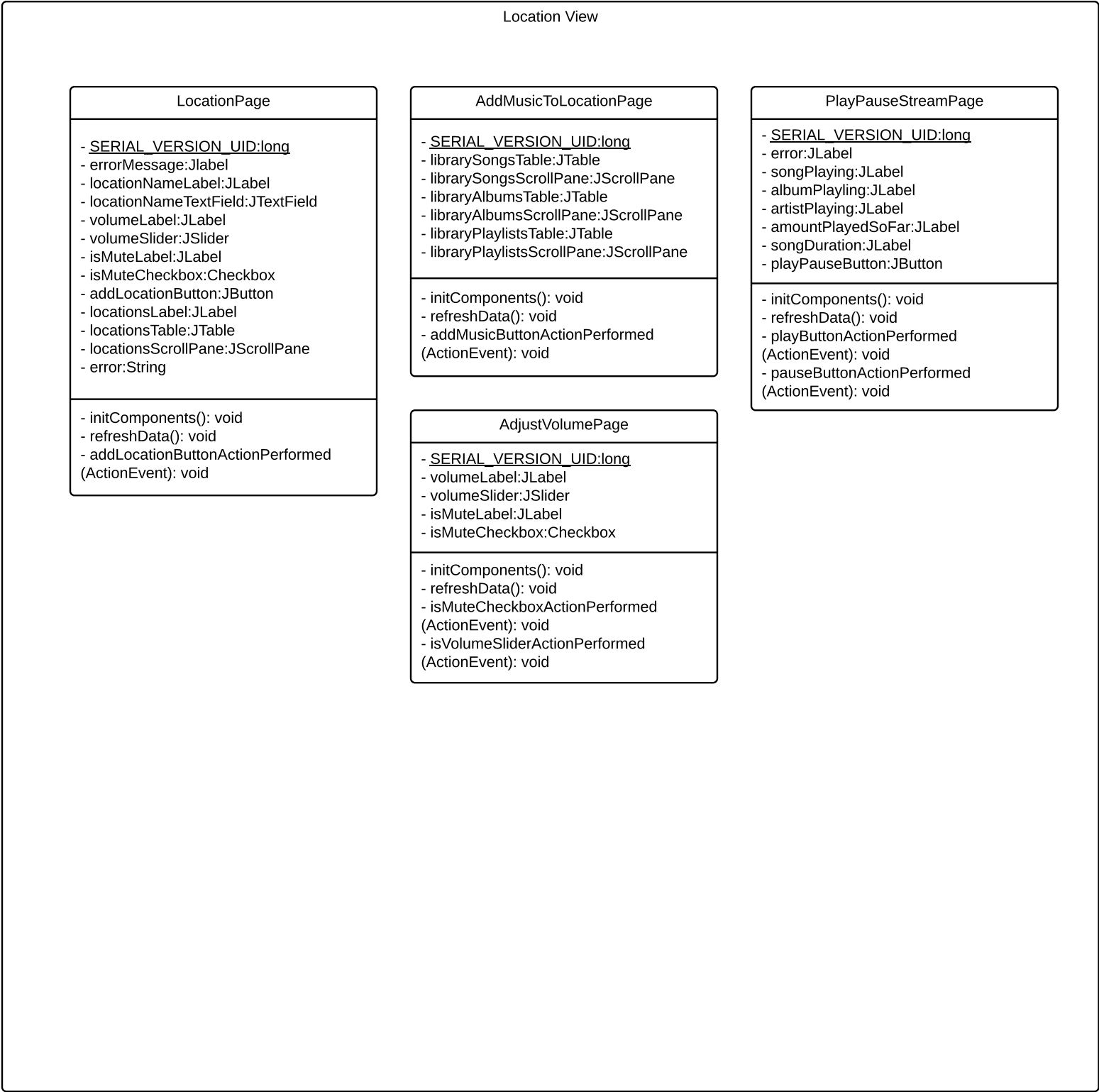
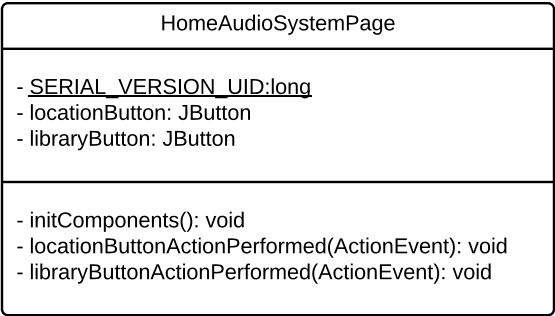


# View Class Diagram



## Library View

## AddAlbumPage

- SERIAL\_VERSION\_UID:long
- errorMessage:JLabel
- genreList:JComboBox<String>
- genreLabel:JLabel
- albumNameTextField:JTextField
- albumNameLabel:JLabel
- artistNameTextField:JTextField
- artistNameLabel:JLabel
- releaseDatePicker:JDatePickerImpl
- releaseDateLabel:JLabel
- addAlbumButton:JButton
- songsTable:JTable
- songScrollPane:JScrollPane
- songNameLabel:JLabel
- songNameTextField:JTextField
- songDurationSpinner:JSpinner
- songDurationLabel:JLabel
- addSongButton:JButton
- error:String
- selectedGenre:Integer
- genres:HashMap<Integer, Genres>

- initComponents(): void
- refreshData(): void
- addAlbumButtonActionPerformed (ActionEvent): void
- addSongButtonActionPerformed (ActionEvent): void

## DeleteLibraryItemsPage

- SERIAL\_VERSION\_UID:long
- libraryItemsTable:JTable
- libraryItemsLabel:JLabel
- deleteItemButton:JButton

- initComponents(): void
- refreshData(): void
- libraryItemsTableActionPerformed (ActionEvent): void
- deleteItemButtonActionPerformed (ActionEvent): void

## AddSongToPlaylistPage

- SERIAL\_VERSION\_UID:long
- errorMessage:JLabel
- songLabel:JLabel
- songList:JComboBox<String>
- playlistLabel:JLabel
- playlistList:JComboBox<String>
- addSongToPlaylistButton:JButton
- error:String
- selectedSong:Integer
- songs:HashMap<Integer, Song>
- selectedPlaylist:Integer
- playlists:HashMap<Integer, Playlist>

- initComponents(): void
- refreshData(): void
- addSongToPlaylistButtonActionPerformed (ActionEvent): void

## LibraryPage

- SERIAL\_VERSION\_UID:long
- addAlbumButton:JButton
- createPlaylistButton:JButton
- addSongToPlaylistButton:JButton

- initComponents(): void
- addAlbumButtonActionPerformed (ActionEvent): void
- createPlaylistButtonActionPerformed (ActionEvent): void
- addSongToPlaylistButtonActionPerformed (ActionEvent): void

## CreatePlaylistPage

- SERIAL\_VERSION\_UID:long
- errorMessage:JLabel
- playlistNameLabel:JLabel
- playlistNameTextField:JTextField
- songLabel:JLabel
- songList:JComboBox<String>
- addPlaylistButton:JButton
- addSongButton:JButton
- songsTable:JTable
- songScrollPane:JScrollPane

- initComponents(): void
- refreshData(): void
- addSongButtonActionPerformed (ActionEvent): void
- addPlaylistButtonActionPerformed (ActionEvent): void

## DateLabelFormatter

- SERIAL\_VERSION\_UID:long
- datePattern:String
- dateFormatter:SimpleDateFormat

- + stringValue(text: String): Object
- + valueToString(value: Object): Object