Лабораторна робота 1

classes: UserMediaStatus, User, SortConditions, MediaSevice, Media, MainMedia, Genres, Book, DB, HomeForm, AddingForm, LoginForm, RegisterForm, UserMediaStatusForm, Theme, Components, DatePickerPanel, DateTimePickerPanel

fields:

UserMediaStatus – MediaID, UserID, Status, EndedPageOrEpisode
User – Id, HashPassword, UserImageURL, Role, Nickname,RegisterDate, LastLoginDate, IsBanned, DateEndBan, Email, BirthdayDate, UserDescription;
SortConditions - selectedTypes, electedGenres, selectedStatus,selectedMediaStatus, Total, userID;
UserResponse – UserID, ResponseID, MediaID, ResponseText, ResponseType, UserNickname, UserIMGURL;
Media - SecondMediaType, Studio, TotalEpisodes, ReleasedEpisode, EpisodeDuration, TimeUntilNewEpisodeInSeconds, NextEpisodeDateTime, StartDate, EndDate;
MainMedia - Id, MainType, OriginalName, EnglishName, ImageURL, Status, PG_Rating, Description, IsAdded, IDUserWhoAdded, TimeAdded;
MainMedia - GenreID, GenreName;
Book - Author, PublicationDate, Pages, ISBN;
DB – connectionString;
HomeForm - conditions, userTheme, currentMediaUse, components, currentNavPage,currentPage, currentMediaCols, currentMediaRows, currentUser, isAboveThreshold;
AddingForm – mainMediaType, userID
LoginForm – LoggedInUser
UserMediaStatusForm – newInUserList, Media
Theme – DarkTheme
DatePickerPanel – yearComboBox, monthComboBox, dayComboBox
DateTimePickerPanel – hourComboBox, minuteComboBox

Methods:

Media - getEpisodeString(), getEpisodeduration(), getStatusString(), getNextEpisodeDAte(), ToString();
DB – ConnectionOpen(), ConnectionClose(), CountFilteredMedia(), GetFilteredMedia(), GetMedia(), Verification(), ChangeUserInfo(), GetPasswordHashByUserid(), CheckPassword(), Register(), AddUserResponseToDatabase(), GetResponsesByMediaId(), IsUserLoginTaken(), IsEmailTaken(), ComputeSha256Hash(), AddMediaToDatabase(), AddBookToDatabase, AddConnectionBetweenMedia(), GetGenres(), GetUserMediaStatus(), AddOrUpdateUserMediaStatus(), GetMediaCountByType();
HomeForm – InitializeComponent(), createNavMediaMenuPanel(), createNavMediaButton(), createMainMediaPanel(), createGoToAllMediaButton(), AddRecentMediaPanel(), CreateMediaBlocks(), CreateRecentMediaBlock(), createMediaHistoryAndNavPanel(), createMediaButton(), createMediaListPanel(), SortPanel(), GetSelectedOptions(), GetSelectedGenres(), CreateMediaSortPanel(), CreateGenresSortPanel(), CreateUserListSortPanel(), CreateMediaStatusSortPanel(), CreateMediaCheckBoxes(), CreateGenresCheckBoxes(), createPages(), CreatePageButton(), AddMediaList(), createLoginButton(), addUserPanel(), createUserNav(), createUserNavButton(), createSettingsPanel(), createUsernameLine(), CreateSettingsForm(), createInfoPanel(), CreateSaveButton, CreateThemeButton(), addMediInfoPanel(), createMediaInfoPanel(), mediaInfo(), showResponseButton(), createMainResponsePanel(), createResponsePanel(), addMediaInformation(), createInfoLabel(), ControlEpisodePanel(), MediaControl(), EpisodeConrol(), UpdateEpisodeCount(), AddUserProfile(), createUserInfo(), userListInfo(), mediaInfoLine(), HomeForm_Resize(), ResizeControls(), NavMenuResize(), RecentMediaPanelResize, RecentMediaPanelElementsResize, GoToNewMediaButtonResize(), UserPanelLocation(), ProfileSettingsPanelResize(), RecentMediaInfoPanelResize(), ResponsePanelResize(), ProfilePanelResize(), NavButton_Click(), NavButton_type_Click(), NavNameLabel_Click(),

GoToNewMedia_button_Click(), LoginButton_Click(), UserPanel_Click(),
ProfileButton_Click(), ExitButton_Click(), MyMediaList_Click(),
ProfileSettingsButton_Click(), AddButton_Click(),
SaveUserSettingsButton_Click(), ChangeButtonForeColor(), NavButton_MouseEnter(),
NavButton_MouseLeave(), SearchTextBox_Enter(), SearchTextBox_Leave(),
Verification(),
ChangeNavLabelText(), ThemeButton(), LoadMedia()
AddingForm — InitializeComponent(), WindowProperties(),
CreateMainTableLayoutPanel(), CreateFirstRowTableLayoutPanel(), datePicker(),
addMeddiaImageBox(), createGenresPanel(), CreateAddButton(), AddComboBox(),
createLabel(), AddPlaceholder(), addMediaInfoTable(), addBookInfoTable(),
AddMediaButton_Click(), AddBookButton_Click(), GetSelectedGenres(),
ConvertToSeconds()
LoginForm — InitializeComponent(), TextBoxUsername_Enter(),
TextBoxUsername_Leave(), TextBoxPassword_Enter(), TextBoxPassword_Leave(),
ButtonLogin_Click(), ButtonRegister_Click()
RegisterForm — InitializeComponent(), buttonRegister_Click(),
textBoxUsername_Enter(), textBoxUsername_Leave(), textBoxPassword_Enter(),
textBoxPassword_Leave(), textBoxEmail_Enter(), textBoxEmail_Leave()
UserMediaStatusForm — SaveButton_Click(), DeleteButton_Click()
Components — addTextBox(), AddPlaceholder(), createLabel(), CreateCheckBox(),
CreateTableLayoutPanel(), createPanel()
DatePickerPanel — GetSelectedDate(), GetStandrtWidth()
DateTimePickerPanel — GetSelectedDateTime(), GetStandrtWidth()
Наслідування:
Media<-MainMedia, Book←MainMedia, HomeForm←Form,
DatePickerPanel←Panel,
DateTimePickerPanel←DatePickerPanel←Panel

Решта вимог до лабораторної роботи №1 було реалізовано у груповому проекті ORM
разом з Петриченком Павлом та Шевнюком Михайлом:
IriskaIK/kubic-orm