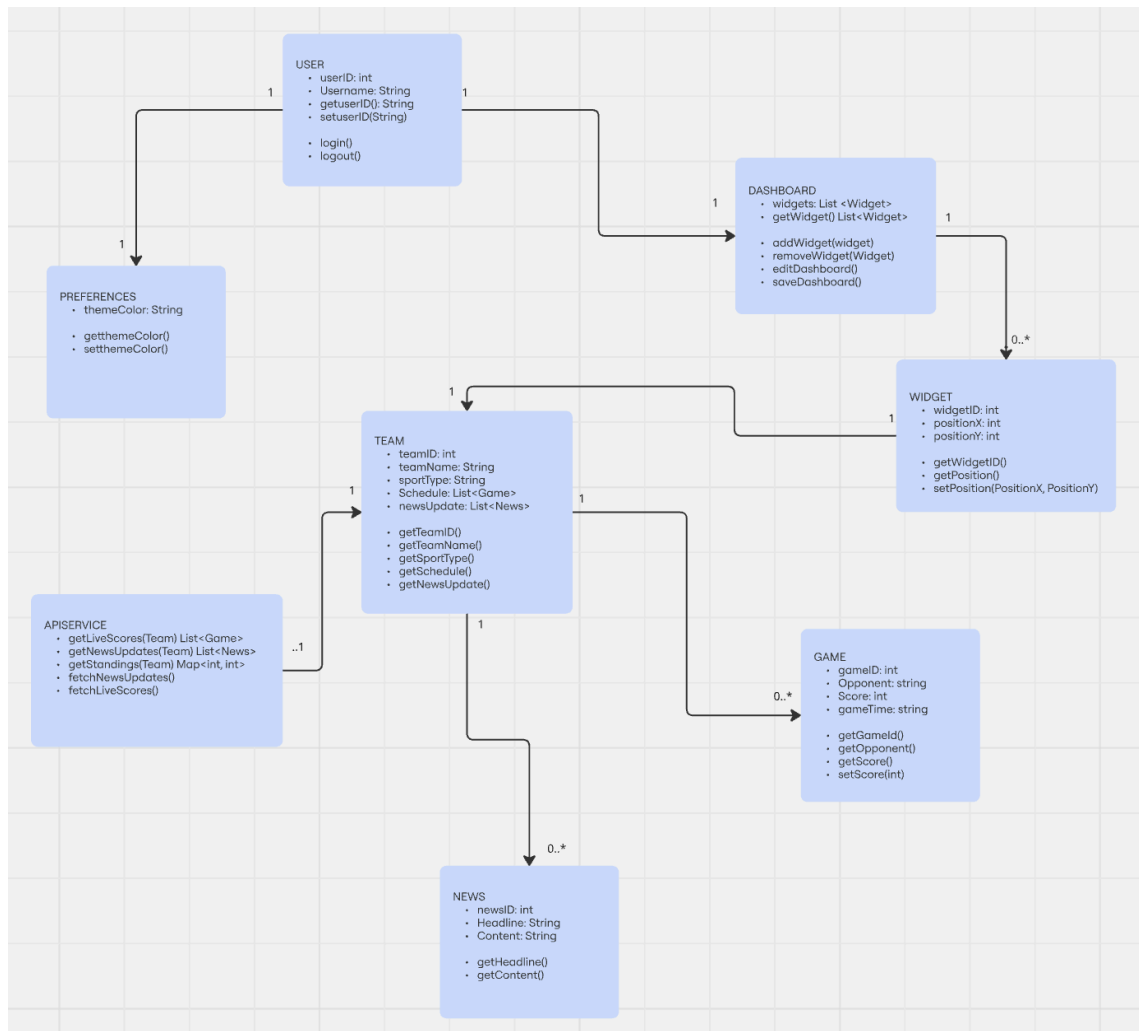


Domain Model

Black Bear Bulletin is a personalized UMaine sports hub where users can:

- Log in securely and customize their dashboard with drag-and-drop widgets.
- Follow specific teams to view live scores, schedules, and news.
- Adjust layouts and widget types for a more personal and fitting navigation.
- Fetch real-time data via API integrations with UMaine sports databases.



Object List:

User

- userID: int
- Username: String
- getUserID(): String
- setUserID(String)
- login()
- logout()

Preferences

- themeColor: String
- getthemeColor()
- setthemeColor()

Dashboard

- widgets: List <Widget>
- getWidget() List<Widget>
- addWidget(widget)
- removeWidget(Widget)
- editDashboard()
- saveDashboard()

Widget

- widgetID: int
- positionX: int
- positionY: int
- getWidgetID()
- getPosition()
- setPosition(PositionX, PositionY)

Team

- teamID: int
- teamName: String
- sportType: String
- Schedule: List<Game>
- newsUpdate: List<News>
- getTeamID()
- getTeamName()
- getSportType()
- getSchedule()
- getNewsUpdate()

Game

- gameId: int
- Opponent: string
- Score: int
- gameTime: string
- getGameId()
- getOpponent()
- getScore()
- setScore(int)

News

- newsID: int
- Headline: String
- Content: String
- getHeadline()
- getContent()

APIService

- getLiveScores(Team) List<Game>
- fetchLiveScores()
- getNewsUpdates(Team) List<News>
- fetchNewsUpdates()
- getStandings(Team) Map<int, int>