

Additional Real-Life Problems Based on Inheritance (New Examples)

1. A hotel booking system should handle different room types like deluxe rooms, suites, and standard rooms with some shared and some specific features.
2. An event management system needs to represent weddings, conferences, and concerts, each requiring different organizational details.
3. A gaming platform must differentiate between heroes, villains, and non-playable characters (NPCs) with common and specialized abilities.
4. An e-learning platform offers various courses such as programming, mathematics, and language courses, all with shared course structure but unique content.
5. A social media application manages different user account types like personal accounts, business accounts, and influencer accounts with varying features.
6. An online payment gateway should handle multiple payment methods including credit cards, debit cards, UPI, and wallets with different transaction rules.
7. A music streaming app categorizes audio content into songs, podcasts, and audiobooks, each having specific attributes.
8. A news publishing platform differentiates between sports, political, and entertainment articles while maintaining shared publication information.
9. A file management system needs to store different file types like text files, images, and audio files with shared and unique properties.
10. A delivery service application handles different delivery modes such as bike delivery, car delivery, and drone delivery with varying capabilities.