# Hiren Kachhadia

## 2020066

# 2020156

# Vishwesh Vhavle

# Will Hero

# JavaFX Game

**This is our Object-Oriented Game based on the popular game Will Hero implemented using JavaFX in IntelliJ IDEA and SceneBuilder.**

**This game was developed as the Course Project for CSE-231: Advanced Programming at IIIT Delhi.**

**The game uses various concepts learned throughout the course like Inheritance, Composition, Dependency, Serialization, Design Patterns – Observer, Decorator.**

Reference: JavaFX Tutorial, Gravity Implementation, Stack Overflow

# Individual Efforts

**Hiren Kachhadia** 2020066

**GUI Implementation, Gravity, Animation Timers, Alerts, TNT, Orcs, Settings Menu, Resume Menu, Save Menu**

**Vishwesh Vhavle** 2020156

**Collisions, GUI Design, High Score, Coin Score & Game Serialization, Revival, Levitations, Coin Collection, Treasure**