

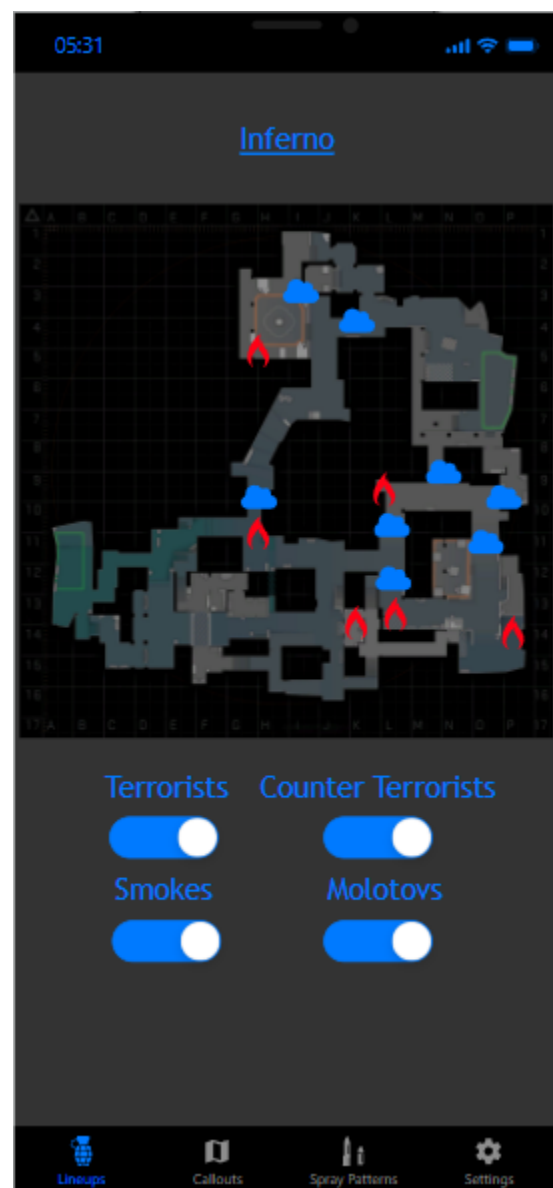
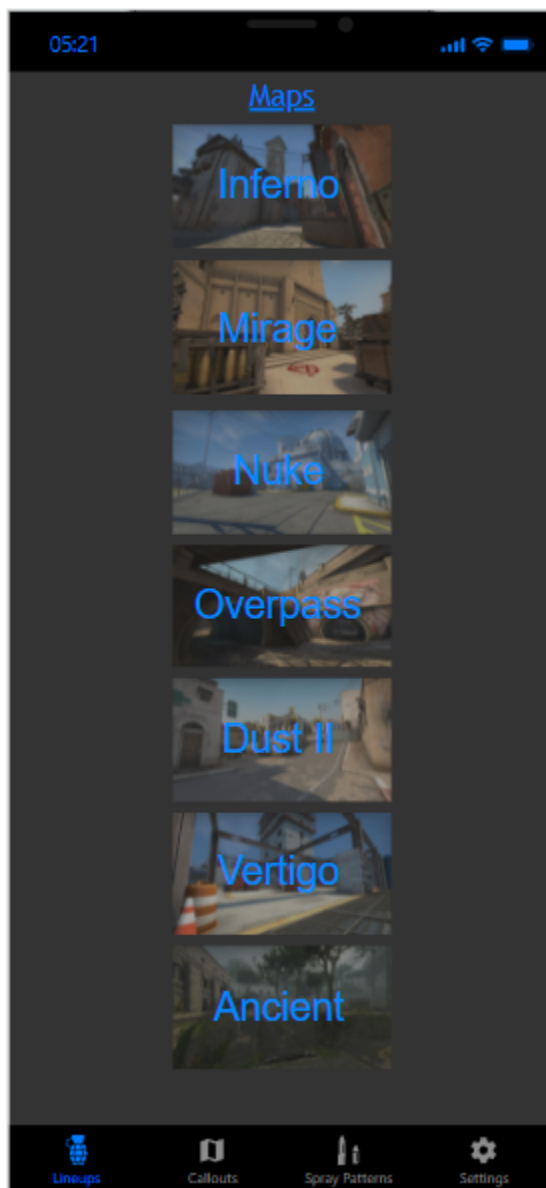
CS:Guide App
Analysis and Design

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Capstone 1

Overview

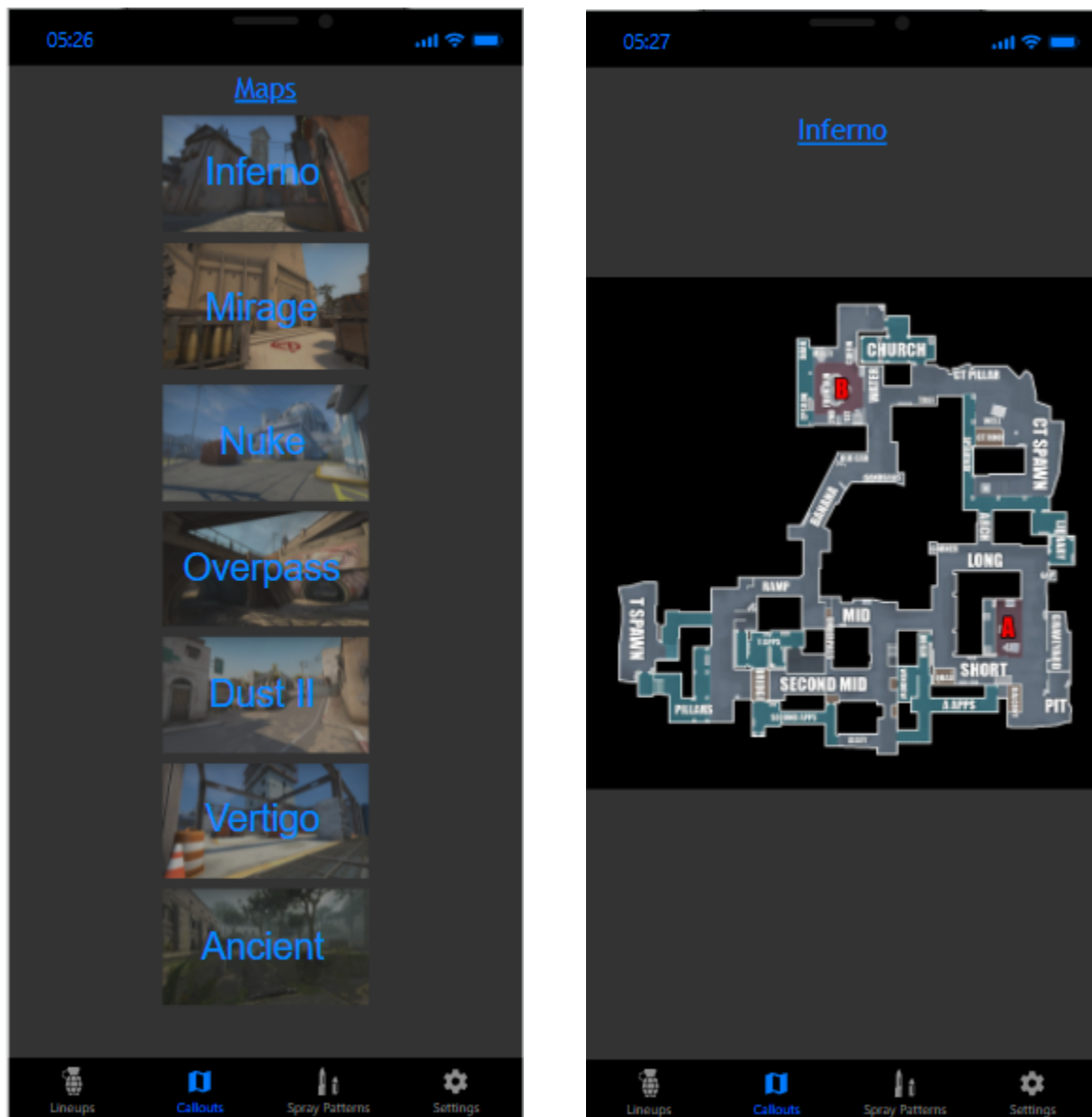
CS:Guide is an app designed to elevate CS:GO players gameplay through methods not taught by the game itself. Important aspects of any competitive CS:GO match are communication, spray control, and utility usage. CS:GO is a team based game thus extensive knowledge and experience are crucial to providing an enjoyable and competitive game for both yourself and those you're playing with. This app will help players elevate their game with knowledge that takes some players years to master. The app will provide important information regarding utility lineups, map callouts, and weapon spray patterns. Additionally, settings which can improve both system and individual performance will be incorporated in the app.

Lineups



The first page will be dedicated to smoke and molotov grenade lineups. These are the two most important pieces of utility when trying to take map control and displacing opposing players. First the user begins by selecting the map they want to study. Users will have the option to toggle both molotov and smoke grenades on or off depending on what they're trying to learn. You can also choose to display the grenades that will be useful for you depending on which team you're on(T or CT).

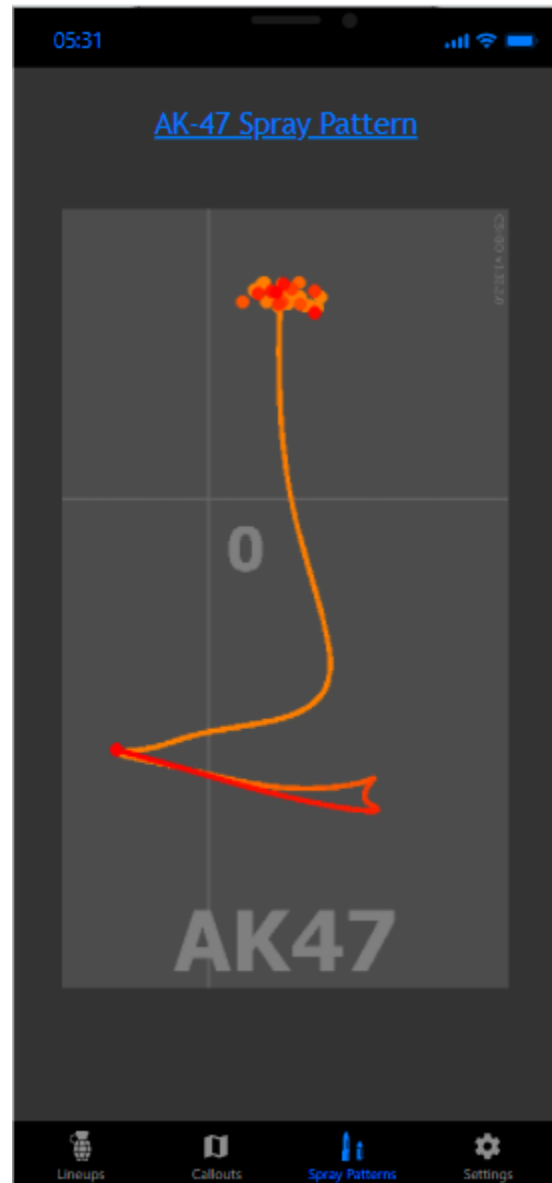
Callouts



The second page will display all maps in the current active duty CS:GO map pool. Once a map is selected, a labeled image of that map will appear with the most common names used for each

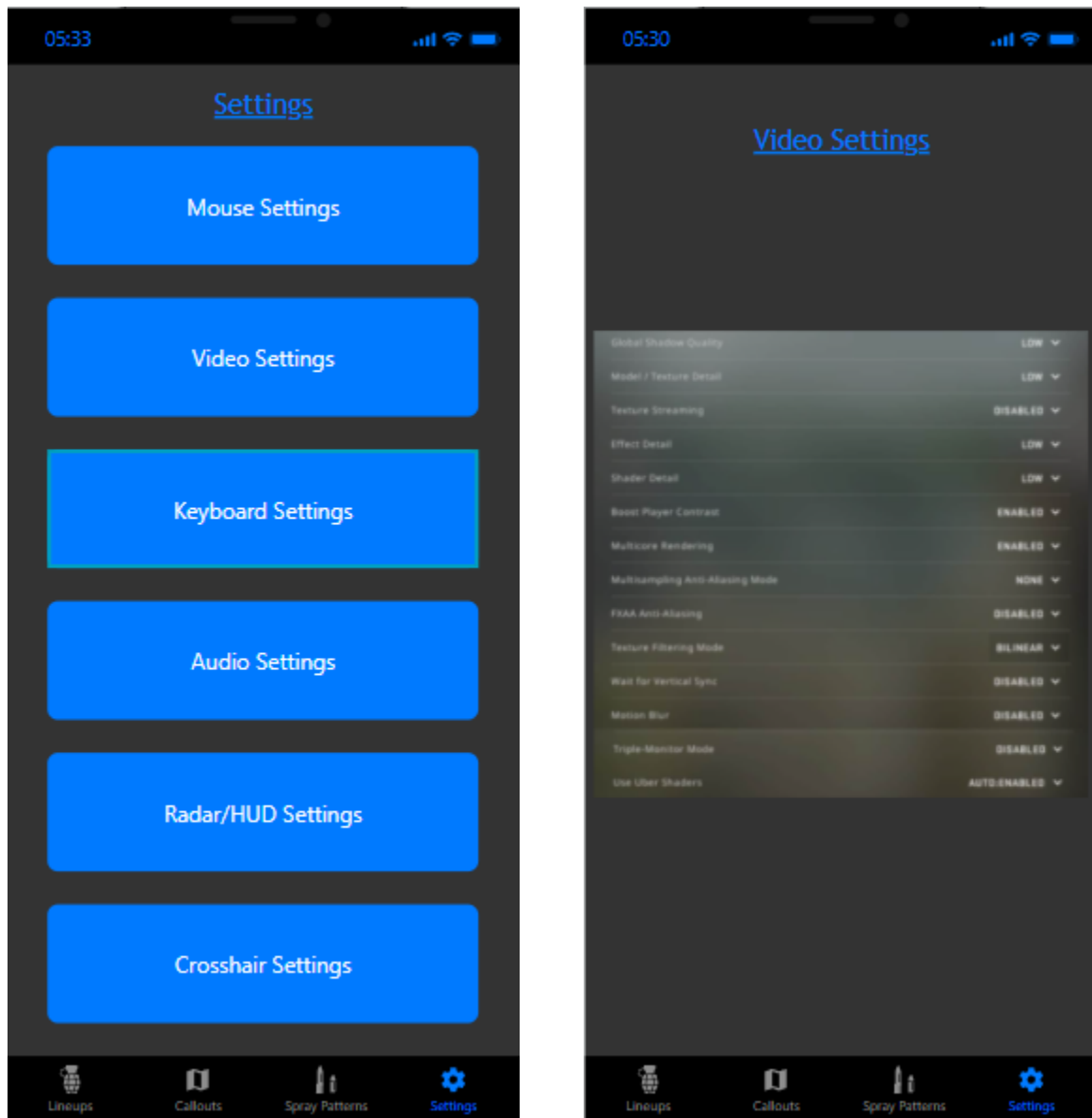
location on that map. Knowing the names for locations around the map is essential for being able to communicate your location and the location of enemy players.

Spray Patterns



The third page will display all CS:GO weapons. Each weapon has a unique spray pattern which when learned allows the player to shoot the weapon straight. Once a weapon has been selected the spray pattern for that weapon will be displayed with tips on how to move your mouse to counter the pattern and achieve precise bullet accuracy.

Settings



The fourth and final page will offer a number of various settings players can use to improve their gameplay. Users can select a category to display the best settings for the given category. For example, when it comes to video settings there are many tips new players are unaware of that can boost FPS and player model visibility. Combined, this can lead to significant performance increases.