

Candidate requirements

- Proficient in C# and Unity
- Basic knowledge of SOLID
- UI programming
- API/REST
- Git

Task 1

API address:

https://qa2.sunbasedata.com/sunbase/portal/api/assignment.jsp?cmd=client_data

Call provided API and get a JSON.

Given provided JSON data, display a list of clients.

- The list should contain **label** and **points**.
- There should be filtering dropdown that allows to display **All clients, Managers only, Non managers**.
- When clicking on client in list, the **popup** window should display a **name, points and address**.
- All transitions should have simple animation. Use DOTween for that.
- The UI should fit any screen aspect.

Task 2

Spawn random 5-10 **Circles** on screen. The user draws the **Line** using a cursor or finger. When finger or mouse is up, all **Circles** that the **Line** crosses should disappear. Add "Restart" button.

Project requirements:

- Required Unity version 2022.3.3f1
- Use any built-in Unity package and no other external assets except DOTween.

What we will check

- API interaction
- UI layout
- Animations
- Basic knowledge of SOLID
- The overall architecture and project structure

Upload the result to **GitHub**, **Bitbucket** or **GitLab** and share the link to the project.