

**1. Problem Background**

- Due to the weather in Mayagüez, citizens have reported a lack of students bringing their own umbrella.
- In social media we see a lot of students recommending new students or even the actual students to bring their umbrella or some type of water cover but sometimes in these pages the info is not available for everyone.
- This also helps persons who leave their own protection in home or their car.

**2. Target**

The goal to be achieved by the end of this project is to develop an app that allows students to have their own protection to rain in any place available. U-Bella allows any person to have an umbrella in any of our specific spots without having to buy them and just own them temporarily by the app.

**3. Causes**

- Lack of information about the weather
- Not having time to buy an umbrella
- Broken umbrella
- Miss placed umbrella
- Forgetting it at home or car

**4. Countermeasures**

1. Create a webpage where you can rent them.
2. Availability in any building of the university.
3. Allow user to return them the next day due to different rent prices.
4. Let the host choose the umbrella size.

**5. Check/Evaluate**

- The opportunity to expand the idea in all the universities
- Quick access to an umbrella anywhere.
- Eliminates a huge portion of the people getting wet and damaging their personal items and electronics.

**6. Act/Standardize**

- Track all umbrella and if not return keep charging them an overnight fee until a specific quantity of days. If return in good conditions part of the money will be returned.
- Use the umbrella in a certain area, if host leave this area a lost fee will be charged.