**Frontend findings**

* React.js – is a frontend framework which was developed and maintained by Facebook. It allows frontend developers to built complex user interfaces by breaking them down into reusable components, which encourages code maintenance and organization.
  + Pros of using React:
    - Widely adopted and supported by a huge community.
    - It allows the use of third-party libraries and tools.
    - It has excellent documentation for guidance as well as frequent updates from Facebook.
  + Cons of using React:
    - Can be a problem for those developers who don’t have knowledge of JavaScript.
    - It has limited built-in features and on top of that requires libraries for complex functions to be carried out.
* Vue.js – it is a user-friendly JavaScript framework that allows to integrate with existing projects.
  + Pros of using Vue:
    - Simple syntax, which would lead to faster development.
    - It has a fast-rendering speed, enhancing overall performance.
  + Cons of using Vue:
    - The community for Vue is smaller compared to React and Angular which would lead to limited resources.
    - It may lack certain features other frameworks might have.
* Svelte – is a new and innovative front-end framework that will take different approach from traditional frameworks.
  + Pros of using Svelte:
    - It has excellent documentation and an active community.
    - It has straightforward syntax making it easier to understand for developers who may be new to the application.
  + Cons of using Svelte:
    - It has limited support for third-party libraries.
    - It has limited IDE support comparatively to other more established options available.

**Consider the compatibility of your choices with different devices and browsers**

* Since the feature will be integrated into the myLSBU app, the feature needs to be available on both mobile and Desktop (computer).
* Fronted Technology Lead: Is the product created need to be a physical product or just an online project?  - the product (feature) will be digital of course as it will be more convenient to view feedback via the app. Since, it will be anonymous feedback this is likely encourage more people to give feedback, as this will give lecturers an idea what they should do improve their lectures or tutorials.

**Which Frontend framework will be best suited?**

By analyzing these, these frontend frameworks we have decided to go with React.js due to its large community, being able to use third-party libraries and tools. By allowing developers to build complex user interfaces.

**What about Frontend technology compatibility with Diverse Devices and Browsers?**

**The website I used for the findings:** [**https://positiwise.com/blog/best-front-end-frameworks#Pros\_of\_React**](https://positiwise.com/blog/best-front-end-frameworks#Pros_of_React)