**Idea Web Application –** Anna Sundbye and Franz Barrera

**Idea:** A “student-helper”. An app that gathers the most important parts about being a student, and the purpose is to be a helpful instrument for an easier everyday life. Features will for example be a calendar with due-dates, shopping list for groceries, tips, notebook etc. The idea is to create an app that combines everything you need as a student in a structured manner, without having to download multiple apps.

**Target audience:** All students, mainly at BI

**Technical Requirements:**

As for **database models**, the app will have several one-to-many relationships, for example:

* One user can have many due-dates, many events, many shopping lists and many notebooks. The user will be able to create, read, update and delete these.
* The tips will be independent of users, i.e. every user can read every tip.
* **The 5 tables**: users, events, shopping lists, tips and notebooks.

We will use Django’s **templating** to **create views**. We will create at least **5 pages/views** for interacting with each data model. We will use **forms** to handle creating and updating new entries in the database. A user has to be **authenticated** to perform these actions in order to add the relationships. Finally, we will add JavaScript for interactivity and style the frontend using CSS to create a visually pleasing UX.

An admin will be able to create, update and delete tips (life-hacks etc.) through the Django Admin Interface.