### Project Title

**Project description (for website):**
(max. 250 words)

The project will focus on predictive ethical analysis of an emerging/innovative technology. The student(s) will participate in identification of the technology of interest. The project will include at least the following steps:
1. Learning the technology/ scientific background.
2. Identifying the putative stakeholders, users, current relevant regulations and markets
3. Identifying possible ethical challenges.
4. Application of ethical methodology to assess possible responses and gaps.
If possible we will contact the company/ lab that is developing the technological product of interest.

### Nature of project:
(tick the relevant boxes)

- [ ] laboratory investigation
- [ ] computing and analysis
- [ ] software development
- [ ] product development
- [ ] design
- [ ] field testing and instrumentation
- [ ] feasibility/case studies
- [ ] hybrid (e.g. experimental and
- [ ] theoretical/experimental and
- [ ] numerical/software)
- ☒ Other : technology ethical analysis

### Relevant majors:
(may be more than one if relating to interdisciplinary project)

Engineering, applied sciences.
Former Ethics class optional

### Expected achievements by project participants:

1. Articulating the intersection of technology-ethics- stakeholders
| (up to 3 main outcomes) | 2. Writing an essay in modern ethics  
3. Communicating the outcomes of the analysis in a conference or paper |
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<td><strong>Max. number of participants that can be hosted:</strong></td>
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| **Supervisor:**  
(name, department, link to bio/research page, contact details) | Dr. Ilana kepten  
Biotechnology engineering  
ikepten@braude.ac.il  
972-54-2327206 |
| **Name of lab participants will be attached to:** | irrelevant |
| **Any other information/requirements** (e.g. programming skills, study prerequisites, reading lists) | Students should be familiar in independent literature search and presentation. The decision regarding the technological product will be made before the beginning of the project. Basic readings will be decided based upon the decision. |