**Description about class project in syllabus**  
The class project gives students the opportunity to put into practice the theory and

techniques covered in class. The projects are about designing and implementing an

interactive infographic or data visualization application.

The project is a group project of two students. An important objective of the class is to

teach students to work in groups, so students cannot work on projects individually (there

will be a group of 3 students if necessary).

In addition, groups will be organized into clusters of 3 or 4 groups. The purpose of

clusters is to provide a way for groups to critique each others’ designs.

Project deliverables will consist of the following 4 items:

1. Demo: students should produce a working demonstration of the system and deploy it.

2. Video: students should produce a 5-minute (or less) video of their application and

upload it to YouTube.

3. Paper: students should write a final paper about the project as if they were submitting

it to a conference for publication. The papers should be written in the LNCS format

(https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines

also available on overleaf: https://www.overleaf.com/latex/templates/springer-lecturenotes-

in-computer-science/kzwwpvhwnvfj#.WUxUe8aZPVo) and should be at most 5

pages long. The paper should be organized as a publication, stating the problem being

addressed, the approach and description of the system, evaluation, related work and

references.

4. Presentation: students will present their projects to the class using the PechaKucha

presentation format (see http://www.pechakucha.org). PechaKucha is a simple

presentation format where you show 20 images, each for 20 seconds. The images advance

automatically and you talk along. You cannot use bullets in any of your slides.

**Mention of project on Lecture 1:**

• 30% of grade

• Groups of 3 (start creating groups!)

• Critique groups (2 per project group)

• Design and implement interactive infographics

• Infographic or data visualization app

• Online demo, video, paper and presentation

**Other detailed requirements written on the pitch slide**