Senior Design

How CS 4961 Works

Chengyu Sun
Department of Computer Science
California State University, Los Angeles
CS 4961

- First half of CS 4961/4962 Senior Design sequence
- Project Development + Writing Component
Project Development

- Work on a real-world, sponsored project as a team
  - List of projects

- For the most part, each team (students, faculty advisor, and sponsors) decides how to conduct their project
General Requirements

3 Lab Units = 9 Hours Per Week

- 1-2 hours weekly meeting with faculty advisor / project liaisons
  - Reserved time: 8:00-10:30am on Friday
- 2-3 hours group activity
- 4-6 hours individual work

This is NOT an online/hybrid class (i.e., in-person meetings are expected)
Class Meetings

- First Class Meeting (8/26/2022)
- Kickoff Meeting (9/2/2022)
- A special lecture on SRD, SDD, and Ethics (TBD)
- Project Presentations (Usually on the Friday of Week 15)
Project Deliverables

Class
- Software Requirements Document (SRD)
- Preliminary Software Design Document (SDD)
- Project Presentation

Project-specific
Writing Component

Why

- So CS 4961/4962 meet GE requirements
- Written communication is an important skill for your future career

What

- See the Writing section on class website
Grading

Grades will be based on a number of factors including contribution to the project, teamwork, and performance in oral and written communication.

Each faculty advisor will decide the grading policy for their groups, and the grading policy will be explained to the students at the first group meeting of the semester.
Online Resources

Class website: https://csns.cysun.org/site/f22/cs4961-1

Project list: https://csns.cysun.org/department/cs/projects?year=2023
Using CSNS

- Make sure you can log in
- Make sure you have the right email address in CSNS
  - Profile → Edit to change
- Check the class website every Monday for new course materials (announcements, writing assignments etc.)
Manager Your Project Page

LAC PD Project

Sponsored by Office of the Public Defender, LA County

Albert Chen, Norberto Gomez Rosales, Ryan Lee, Michael Loria, Simon Mai, Shahram Mehri Kalantari, Wilfredo Paz, Joshua Perez, Fabio Quintana, Ismael Valenzuela

Advisor: Chengyu Sun

Resources

Project Requirements (pdf)
Meeting Rooms ...

Available 8-10:30am Every Friday

<table>
<thead>
<tr>
<th>Room</th>
<th>Project Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET A331</td>
<td>Manveen Kaur</td>
</tr>
<tr>
<td>ET A332</td>
<td>Zilong Ye</td>
</tr>
<tr>
<td>ET A309</td>
<td>Jungsoo Lim</td>
</tr>
<tr>
<td>ET A220</td>
<td>Chengyu Sun</td>
</tr>
<tr>
<td>KH LH1</td>
<td>Huiping Guo</td>
</tr>
</tbody>
</table>
... Meeting Rooms

Available 9-10:30am Every Friday

<table>
<thead>
<tr>
<th>Room</th>
<th>Project Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET B108</td>
<td>John Hurley</td>
</tr>
<tr>
<td>ET C154</td>
<td>Weronika Cwir</td>
</tr>
<tr>
<td>ET C255D</td>
<td>Navid Amini</td>
</tr>
<tr>
<td>ET C255E</td>
<td>Richard Cross</td>
</tr>
<tr>
<td>ET C255G</td>
<td>David Krum</td>
</tr>
<tr>
<td>ET C256</td>
<td>Yuqing Zhu</td>
</tr>
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Additional Meeting Space

- ET B10 common area (up to two teams)
- ET B10-B conference room
- ET B10-C conference room

(Reservation method TBA)
Contacts

◆ Your faculty advisor for project-related questions
◆ Prof. Joshua Adachi (jadachi2@ad.calstatela.edu) for writing-related questions
◆ Dr. Chengyu Sun (csun@calstatela.edu) for class-related questions
◆ Dr. Elaine Kang (eykang@calstatela.edu) for all other questions