MICHIGAN STATE UNIVERSITY 12/01: What's ahead? The Capstone Experience

> Dr. Wayne Dyksen James Mariani Luke Sperling

Department of Computer Science and Engineering Michigan State University

Fall 2021



From Students... ...to Professionals

[1 of 6]

- All-Hands Meetings
 - = 11/01: M Design Day and the Project Videos
 - 11/03: W Team Status Report Presentations
 - Intellectual Property
 - = 11/10: W Ethics and Professionalism
 - 11/15: M Team Beta Presentations

 - 11/22: M Team Status Reports: What's left to do?
 - 11/24: W Team Status Report Presentations
 - = 11/24: W Design Day Booklet Request Google Form Due by Midnight
 - = 11/28: S Project Videos Status Reports Due by Midnight
 - = 11/29: M Team Status Report: Project Videos
 - 12/01: W What's ahead?
 - 12/05: S Project Videos Due by Midnight
 - 12/06: M Project Videos
 - 12/08: W Project Videos and All Deliverables
 - 12/09: Th Team Evaluation Forms
 - = 12/09: Th Design Day Setup
 - = <u>12/10:</u> F In-Person Design Day (7:00 a.m. <u>12:00 p.m.</u>) ← Cancelled
 - 12/17: F On-Line Design Day Awards Ceremony (7:45 a.m. 9:45 a.m.) ← NOT Cancelled

[2 of 6]

- Project Videos
 - Project Videos Status Reports Due by Midnight, 11/28
 - Submit by midnight, Sunday, December 5.
 - Name file as team-[team-name]-project-video.mp4.
 - Set the title metadata.
 - Upload to <u>both</u>...
 - ...our General file space and... your team file space.

project-video.mp4	Properties	×
General Security D	etails Previous Versions	
Property	Value	^
Description		
Title	Shared Parking Access	
Subtitle		
Rating	XXXXX	
Tags		
Comments		
Video		
Length	00:07:18	
Frame width	1920	
Frame height	1080	
Data rate	7942kbps	
Total bitrate	8067kbps	
Frame rate	29.97 frames/second	
Audio		
Bit rate	125kbps	
Channels	2 (stereo)	
Audio sample rate	48.000 kHz	
Media		
Contributing artists		~
Remove Properties a	nd Personal Information	
	OK Cancel	Apply

[3 of 6]

All Deliverables

- Submit by midnight, Wednesday, December 8.
- Create all-deliverables folder.
 - team-[team-name]-all-deliverables
 - team-auto-owners-all-deliverables
- Organize by subfolders.
 - Documents and Presentations
 - Project Plan
 - PowerPoint Slide Decks
 - Project Video (mp4 Only)
 - Source Code
 - Checked Out of Repository
 - Organized (Possibly Into Subfolders)
- Submit to...
 - ...Your Client/Sponsor
 - o ...Us
 - Upload zip file to team's private Google Drive folder.
 - Read and follow James' email carefully.

- Team Evaluation Form (TEF)
 - Rate Each Team Member
 - 5% of Final Grade
 - Custom TEF Generated for Each Team Member
 - Link Posted on Downloads Page at Bottom
 - Must Use Office 365 Version of Word on Windows (If your TEF is not processable, you will receive a 0.)
 - Due by Midnight, Thursday, December 9
 - Watch for "submitted" and "not submitted" email.

[4 of 6]

Returning Equipment

- If local, return to James or Luke.
- If and only if remote, UPS to Dr. D.

Dr. Wayne Dyksen
Michigan State University
428 S. Shaw Lane, Room 3115
East Lansing, MI 48824

Email Receipt to Dr. D.

We will ship to Bosch and Lockheed Martin Space.

[5 of 6]

[6 of 6]

- Attendance at Final Three Meetings
 - **12/06, 12/08:**
 - Watch Project Videos
 - Split-Hands
 - **12/17:**
 - Online Awards Ceremony (7:45 a.m. 9:45 a.m.)
 - All-Hands
 - Syllabus, Section 13
 - "Attendance by everyone for viewing all project videos is required. No trips should be scheduled that conflict with these meetings. Job interviews are not accepted as an excuse for missing any of the final project video viewings."
 - "If a student is absent for any of these final meetings, they may lose up to 5 Attendance points and may lose Team Contribution points, which may have a significant effect on their final grade."