The 10th STePS
Apr 12, 2017

Layout & Project Directory (COM1-Level 1)

9th STePS Events:

6.00 - Poster Session Starts
7.00 - Catering Opens
9.00 - Closing Talks/Award Ceremony

Supported by,

Garena
GOVTECH SINGAPORE
ef.
TITANSOFT

CS 3247 Game Development

CS3247-01: PurgaStory
CS3247-02: Dark Land Crisis (Designed for VR)
CS3247-03: VOXSAM
CS3247-04: GURUGURU MANSION!
CS3247-05: Kataclysm!
CS3247-06: Trick Tower
CS3247-07: One-Man Kitchen
CS3247-08: Foresight (Designed for VR)
CS3247-09: DayNight (Designed for VR)
CS3247-10: Rewind

Supported by,
### SR 1 - Directory

**CS 3217 Software Engineering on Modern Application Platforms**  
**MIP-FYP Module Independent Project and Final Year Project**

<table>
<thead>
<tr>
<th>Module</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>CS3217-01</td>
<td>Tri Adventure</td>
</tr>
<tr>
<td>CS3217-02</td>
<td>Noora Health</td>
</tr>
<tr>
<td>CS3217-03</td>
<td>Jasmine</td>
</tr>
<tr>
<td>CS3217-04</td>
<td>LittleMaze</td>
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<tr>
<td>CS3217-05</td>
<td>MIDIchlorians</td>
</tr>
<tr>
<td>CS3217-06</td>
<td>Drift</td>
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<tr>
<td>CS3217-07</td>
<td>ROLL</td>
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<tr>
<td>CS3217-08</td>
<td>Patient Virtual Assistant</td>
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<tr>
<td>CS3217-09</td>
<td>12 Days of Christmas</td>
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<tr>
<td>CS3217-10</td>
<td>Startup Weekend App</td>
</tr>
<tr>
<td>CS3217-11</td>
<td>Train to Changi</td>
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<tr>
<td>CS3217-12</td>
<td>IayeR</td>
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</tbody>
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### MIPFYP

<table>
<thead>
<tr>
<th>Module</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>MIPFYP-01</td>
<td>LEIFR</td>
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<tr>
<td>MIPFYP-02</td>
<td>PowerPointLabs</td>
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<tr>
<td>MIPFYP-03</td>
<td>se-edu - Resources for Software Engineering Education</td>
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<tr>
<td>MIPFYP-04</td>
<td>TEAMMATES</td>
</tr>
<tr>
<td>MIPFYP-05</td>
<td>VR Labs - Science and Engineering Experiments with Virtual Reality Technology for MOOC Courses</td>
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<tr>
<td>MIPFYP-06</td>
<td>VRtube</td>
</tr>
</tbody>
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### CS 3235 Computer Security

<table>
<thead>
<tr>
<th>Module</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>CS3235-01</td>
<td>Attacking Blink Home Security Camera System</td>
</tr>
<tr>
<td>CS3235-02</td>
<td>Exploitation of MIFARE Classic</td>
</tr>
<tr>
<td>CS3235-03</td>
<td>INVESTIGATING KEYLESS ENTRY SYSTEM IN VEHICLES</td>
</tr>
<tr>
<td>CS3235-04</td>
<td>Protocol Downgrade Attacks on HTTPS</td>
</tr>
<tr>
<td>CS3235-05</td>
<td>Fingerprint authentication and its vulnerabilities</td>
</tr>
<tr>
<td>CS3235-06</td>
<td>Exploiting the Security Lapses in the NUS Matriculation Card</td>
</tr>
<tr>
<td>CS3235-07</td>
<td>Brief Introduction To The Mathematics Of ECC</td>
</tr>
<tr>
<td>CS3235-08</td>
<td>Keystroke Dynamics Analysis</td>
</tr>
<tr>
<td>CS3235-09</td>
<td>Web Attack Prevention and Defense</td>
</tr>
<tr>
<td>CS3235-10</td>
<td>Analysis of Bluetooth sniffing technologies and possible attacks</td>
</tr>
<tr>
<td>CS3235-11</td>
<td>MiFare 1k attacks and prevention</td>
</tr>
<tr>
<td>CS3235-12</td>
<td>Multimedia DRM Analysis</td>
</tr>
</tbody>
</table>
Cerebro Directory

**CS 3240 Interaction Design**
**IS 4150 Mobile and Ubiquitous Commerce**

- CS3240-01: Shilling
- CS3240-02: Insta-lator
- CS3240-03: TrackPack
- CS3240-04: Gift App
- CS3240-05: Wolfpack
- CS3240-06: SKIPPED PROJ_ID
- CS3240-07: Jiak!
- CS3240-08: Piggy Alarm
- CS3240-09: Sleep Buddy
- CS3240-10: Paypo
- CS3240-11: SoC Printer
- CS3240-12: Reunion – Neighbouring HomeStyle Food
- CS3240-14: Checkout
- CS3240-15: Spawts
- CS3240-16: TeiCORS
- CS3240-20: statement
- CS3240-21: NUS NextBus+

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**IS4150-01: WineCurator**
**IS4150-02: LinedUp**

**CS 3226 Web Programming and Applications**
**CS 3284 Media Technology Project**

- CS3226-01: DietLah!
- CS3226-02: NUSChat
- CS3226-03: NUSFood
- CS3226-04: IdeaOverflow
- CS3226-05: NUSarcast
- CS3226-06: SkillXchg
- CS3226-07: SportyKaki
- CS3226-08: Retellgram

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**CS3284-01: Sashimi Note**
**CS3284-02: CS-Modify**
**CS3284-03: NUS Oracle**
**CS3284-04: Owlganiser**
**CS3284-05: STePS Networking Module**
**CS3284-06: Movie Pigeon**
**CS3284-07: Attack on Tutor**

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**IS 5126 Hands-on with Business Analytics**

- IS5126-01: No Fault In Our Stars - A study into the behaviour of Yelp's Elite Squad and what it means for businesses
- IS5126-02: Effect of Traffic Cameras on Accident Rates in New York City
- IS5126-03: Effects of Marijuana Legalization in US
- IS5126-04: Till death do us part - Impact of financial crisis on divorce rate
- IS5126-05: How does weather affect traffic violation?
- IS5126-06: Does Air pollution affect infant weight?
- IS5126-07: Did Hurricane Katrina impact newborn's gender ratio?
- IS5126-08: Has Citi Bike reduced traffic accident in
New York City?
IS5126-09: Pokemon. Go or No Go?
IS5126-10: Weathering the Crime
IS5126-11: Citibike Causing More Road Accidents?
IS5126-12: How did Pope Francis’ visit affect criminal activities in the US?
IS5126-13: How Smog Affects Offline Shopping Behaviour?
IS5126-14: Impact of Legalization of Abortion on Crime Rates
IS5126-15: Interaction effect of compensation transparency policy and faculty status on salary in universities in California

Course Assignment for Voting
(based on First letter of your Last name)
A-E: CS3247, CS3217
F-K: CS3226, CS3240
L-O: CS3235, CS3284
P-T: IS5126, MYP_FYP, IS4150
U-Z: CS3226, CS3247, CS3235

More details about the projects at:
http://steps.comp.nus.edu.sg

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NUS
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School of Computing