**Week 1: From demo to experiment**

07/01: Overall plan and demo

08/01: Flow diagram

09/01: Defensive coding

10/01: Coding

**Week 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| 9:00-10:30 |  | Registration and computer set up.  Play with PTB Demos (<https://peterscarfe.com/ptbtutorials.html>) | Lecture (Flow diagram, run sample code and list useful functions) Zhaoping, Jinyou | Coding  Advanced: Zhaoping’s presentation on visual illusion | Coding |
| 10:30-12:00 |  | Coding | Lecture (Defensive coding) Jeremy |
| Lunch | | | | | |
| 13:30-14:00 |  | Lecture (Overall plan, coding stimulus)  Zhaoping | Check & help | Check & help | Check & help |
| 14:00-15:30 |  | Coding | Coding | Coding  Advanced: could proceed to data collection |
| 15:30-17:30 |  | Try modify some demos. Should focus on stereo demo. Advanced: DIY a stereo demo. |
| On call person |  | AM: JINYOU  PM: JINYOU | AM: JEREMY  PM: JEREMY | AM: JINYOU  PM: JINYOU | AM: JEREMY  PM: JEREMY |

Red: need a meeting room to show presentation

Green: if some students finished their work, they can try to do this event in advance.

**Week 2: Coding, data collection and extension**

13/01: Sample code given

14/01: Eye tracking and zebrafish lectures

15/01: Eye tracking / Coding

16/01: Zebrafish / Coding

17/01: Data collection

**Week 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| 9:00-10:30 | Lecture (give and explain sample code) Jinyou | Lecture (eye tracking) Jeremy  Finish coding | Finish coding  Extension: Eye tracking  Jeremy | Finish coding  Extension: Zebrafish  Sarah | Check code and debug.  Advanced: proceed to data collection |
| 10:30-12:00 | Coding |
| Lunch | | | | | |
| 13:30-14:00 | Check & help | Check & help | Finish coding  Extension: Eye tracking  Jeremy | Finish coding  Extension: Zebrafish  Sarah | Collect data!  Advanced: proceed to data analysis |
| 14:00-15:30 | Coding | Lecture (zebrafish) Sarah  Finish coding |
| 15:30-17:30 | Coding |
| On call person | AM: JINYOU  PM: JINYOU | AM: JEREMY  PM: SARAH | AM: SARAH  PM: SARAH | AM: JEREMY  PM: JEREMY | AM: JINYOU  PM: JINYOU |

Red: need a meeting room to show presentation

Green: if some students finished their work, they can try to do this event in advance.

Blue: students could attend this event if they have enough time. (need plan in more detail from Sarah and Jeremy)

**Week 3: Data analysis and presentation**

20/01: Data analysis

21/01: Draw figures

22/01: Prepare presentation

23/01: Prepare presentation / Extension

24/01: Final presentation

**Week 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| 9:00-10:30 | Lecture (statistics and data analysis)  Sarah, Jinyou | Lecture (Plot your data)  Jeremy | Finish analysis and prepare presentation | Prepare presentation  Extension: play with zebrafish data or eye movement data  Sarah & Jeremy | Prepare presentation  Extension: play with zebrafish data or eye movement data  Sarah & Jeremy |
| 10:30-12:00 | Data analysis | Draw figures |
| Lunch | | | | | |
| 13:30-14:00 | Check & help | Check & help | Check & help | Prepare presentation  Extension: play with zebrafish data or eye movement data  Sarah & Jeremy | Presentation |
| 14:00-15:30 | Data analysis  Advanced: proceed to data plotting | Draw figures Advanced: proceed to presentation preparation | Prepare presentation |
| 15:30-17:30 |
| On call person | AM: SARAH  PM: SARAH | AM: JEREMY  PM: JEREMY | AM: JINYOU  PM: JINYOU | AM: JINYOU  PM: JINYOU | AM: JINYOU  PM: JEREMY |

Red: need a meeting room to show presentation

Green: if some students finished their work, they can try to do this event in advance.

Blue: students could attend this event if they have enough time. (need plan in more detail from Sarah and Jeremy)