

## FIT2001: Systems Development – Workshop 4

### Objectives:

- Understand and practise how to investigate and validate the requirements
- Understand the requirements for Assignment 1
- Start planning for Assignment 1

The following activities are involved in this workshop:

- Activity 1: Review QUIZ (via Flux)
- Activity 2: CATME Peer Assessment
- Activity 3: Gathering Requirements Techniques
- Activity 4: Interview practice
- Activity 5: Assignment 1 Discussion
- Workshop Quiz (happen at various time each week)

### **Activity 1: Review QUIZ (~15 mins)**

- Sign into FLUX (flux.qa). If you did not sign up to FLUX and are just using it anonymously please do sign up as it will affect your participation mark.
- Step 1: Join an Audience
  - Hit the "+" button in the top right of the screen.
  - Type the 6 character 'Audience code' provided by your Tutor. Note that this code is case sensitive.
  - Click "Join". You'll now see Presentations pop up when your Instructor begins the Quiz
- Step 2: Join a Presentation
  - Once your instructor starts a Presentation, click the Presentation card to join. From here, you will be greeted by FLUX activities for you to participate in.
- Workshop Topic Review

### **Activity 2: CATME Discussion & Practice (~15 minutes)**

- Check that you have received an email invite to CATME, follow the instructions and register
- View CATME Videos:
  - <https://www.youtube.com/watch?v=S2wXx6QdKO4> (Rater Practice)
  - <https://youtu.be/TBWQried5o> (Peer-to-peer comments)
- Practise rating a sample team (this is not your own team) and your own team using CATME so you are prepared for when you need to do it for Assignment 1
- REMINDERS: CATME for Assignment 1 will only be open after Assignment 1 submission time, and you will have 24 hours to complete it. **You must know your Team members names as they appear in the Monash system.**

### **Activity 3: Gathering Requirements Techniques (~30 mins)**

- Work with your Assignment Team members (Online: in a breakout room)
- Task: Bayside Bikes - You need to start gathering information about the requirements for Bayside Bikes new system. For two of the following scenarios (your tutor will allocate 2 to your team), select the best data gathering technique and discuss why you chose the technique, and why other techniques were not suitable. (~ 20 minutes)
  1. You want to know how customers of Bayside Bikes would rate their service on a scale from Poor to Excellent
  2. You want detailed information about the rental process, and all the pain points of the process
  3. You are keen to understand all the data that is current captured in the manual system when a booking is done
  4. You have spoken to staff, but you are still confused by the pick up process -when a client comes to pick up their bike, so you are keen to get a clearer understanding.
- Be prepared to present your discussion to the class. (~10 minutes)

### **Activity 4: Interview practice (~50 mins)**

- Work with your Assignment Team members to participate in a 'requirements gathering' interview. Your team will be divided into 2 teams:
  - Team A:** Interviewers – two students
    - You are the Systems Analysts from SS Consultants who will be interviewing the client to identify the detailed requirements for Bayside Bicycles new system.
    - All team A members will work together with one of your tutors to plan your interview questions (Online: all Team A members will be moved to a breakout room)
    - Please refer to **Team A materials ONLY** on the Moodle site – Week 4 – Workshop 4 - Interview Practice Resources
    - Plan your interview process and questions (~ 12 minutes)
    - NOTE: The client may be a particular type of person – overly chatty, grumpy, not helpful, etc. You have to manage their particular persona e.g. If a person is too chatty discussing irrelevant things, how do you get them back on track and focussed on the interview
  - Team B:** Client(s) - two students or one student (if you are a group of 3)
    - You are the Bayside Bicycle owners.
    - All Team B members will work together with one of your tutors to become familiar with the detailed system requirements as the client (Online: all Team B members will stay in the main zoom meeting)
    - Choose a persona for your interview
    - Please refer to **Team B materials ONLY** on the Moodle site – Week 4 – Workshop 4 - Interview Practice Resources
- After 12 minutes, Team B will join Team A (be moved into the breakout room)
- Conduct the interview (~10-12 minutes)
- **After the interview, your team discusses: (~10-12 minutes)**
  - Did the interviewer get a good understanding of the system? How much of the information was NOT requested/given? Highlight the information not requested/given.
  - What could have gone wrong in the project due to this missing information?

- What sorts of questions would have helped get the information?
  - Was the interview successful? What was good? What could be improved?
  - Was the persona of this client handled successfully? What strategies were used?  
What strategies could be used in future when facing a similar type of client?
  - What are the main functional areas of the system?
- Class discussion/presentation of lessons learnt (~10 minutes)

### **Activity 5: Assignment 1 Discussion (~30 minutes)**

- Discuss Assignment 1 Requirements
- Q & A requirements for Assignment 1
- Work with your Assignment team and start planning for Assignment 1. Please sign into Trello – if you haven't signed up, please do so using your Monash account.
- One member of the team must create a Trello Board which will be used for all assignments:
  - Create 3 lists on the board – To Do, Doing, Done
  - Use of Trello Board assessed
- Start thinking about what tasks are required to complete Assignment 1 and create the required cards
- VERY IMPORTANT – Organise the next zoom meeting time with your group.

#### **REMINDER:**

**Organise your Assignment 1 Interview which will be conducted in Week 4 or 5.**