BIM-Enabled Design Collaboration Processes in Remote Architectural Practice and Education in Australia

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Eleven interview questions and their variations

(i)   BIM adoption and design process

1. **Could you please explain your design process (workflow) using BIM?**
   1-1. Could you please explain your *remote design process* (workflow) using BIM?
   1-2. Could you please explain your *remote design process* (workflow) in the other classes *without BIM*?

2. **Do you have any BIM modelling principles?**
   2-1. How could remote teamwork improve or worsen your current design process (workflow) in respect of design representation?
   2-2. How could remote teamwork improve or worsen team/your creativity?

3. **How could you improve your current design process (workflow) in respect of coordination?**
   3-1. How could remote teamwork improve or worsen your current design process (workflow) in respect of teamwork coordination?

4. **How could you improve your current design process (workflow) in respect of design communication?**
   4-1. How could remote teamwork improve or worsen team interaction?
   4-2. Verbal communication?
   4-3. Non-verbal communication?

5. **How could you improve your current design process (workflow) in respect of design collaboration?**

(ii)   Design and information management

6. **How could BIM tools improve or worsen your design collaboration?**
   6-1. From schematic design, design development to final documentation?
   6-2. Have you used other tools for project management or design collaboration? Why?
   6-3. How could the other online tools improve or worsen your design collaboration?

7. **How can BIM improve your design information management?**

8. **How could remote teamwork improve or worsen team/your productivity?**

(iii)   Technical and non-technical issues.

9. **Could you please describe any technical issues of BIM application in architectural practice? e.g., standard, data exchange and security**
   9-1. Please describe any technical issues of remote teamwork in architectural practice.

10. **Could you please describe non-technical issues of BIM application in architectural practice? e.g., role, training and culture**
    10-1. Please describe any non-technical issues of remote teamwork in architectural practice.
    10-2. How could remote teamwork improve or worsen the operations of the team?
    10-3. Your team culture?

11. **Do you have any additional comments on BIM practice and education?**
    11-1. How to improve BIM practice and education
    11-2. Do you have any additional comments on remote teamwork?
    11-3. How to improve online design practice and education?