FINGERPRINT DATABASE PROGRESS REVIEW 1

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LOCATION SELECTIONS

<table>
<thead>
<tr>
<th>GROUP 2 – ADVANCED INDOOR LOCALIZATION</th>
<th>BUILDING</th>
<th>FLOOR(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>International Business School Suzhou (IBSS)</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GROUP 3 – TRAJECTORY ESTIMATION</th>
<th>BUILDING</th>
<th>FLOOR(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>International Research Centre (IR)</td>
<td>11 &amp; 12</td>
</tr>
</tbody>
</table>
REASONS FOR SELECTIONS

• Sufficient space to carry out training & testing.
• Minimal to no people are usually present.
• Aids in the easy localization of several access points (APs).
• In the case of group 3, the location possesses a similar, rectangular structure to the one used in the reviewed conference paper.

CONSTRUCTION OF DATABASE

- App created by Xintao to receive measurements
- Laptop as server
- Amendments to Python code for the previous year’s database
  - Replace “Room” field with “Floor”
  - Add Geomagnetic x, y & z coordinates
THANK YOU FOR LISTENING!