APPENDIX

INTERVIEW SCHEDULE

*Please check against* the appropriate information regarding your study habits from the following:

1. Background information
   
   **Name**
   
   ……………………………………………………………………………………………………………………………………………………………………………………………
   
   …
   
   (Optional)
   
   **Date** …/…/…………
   
   **Age** ……………………………
   
   **Address**
   
   ……………………………………………………………………………………………………………………………………………………………………………………………
   
   ……………………………………………………………………………………………………………………………………………………………………………………………
   
   ……………………………………………………………………………………………………………………………………………………………………………………………
1. Anthropometry measurements of Hodeida population.

Anthropometric estimation in mm, except for body weight, given in Kg.
<table>
<thead>
<tr>
<th>No</th>
<th>Dimension (in cm)</th>
<th>Total</th>
<th>mean</th>
<th>SD</th>
<th>5th</th>
<th>50th</th>
<th>95th</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standing</strong></td>
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<td></td>
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</tr>
<tr>
<td>1</td>
<td>Weight (in kg.)</td>
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</tr>
<tr>
<td>2</td>
<td>Stature</td>
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<td></td>
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</tr>
<tr>
<td>3</td>
<td>Eye height</td>
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<td></td>
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</tr>
<tr>
<td>4</td>
<td>Shoulder height</td>
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<td></td>
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</tr>
<tr>
<td>5</td>
<td>Elbow height</td>
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<td></td>
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</tr>
<tr>
<td>6</td>
<td>Shoulder grip length</td>
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<tr>
<td>7</td>
<td>Upper limb length</td>
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<tr>
<td><strong>Sitting</strong></td>
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<tr>
<td>8</td>
<td>Sitting height</td>
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<td>9</td>
<td>Sitting shoulder height</td>
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<td>10</td>
<td>Sitting elbow height</td>
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<td>11</td>
<td>Sitting eye height</td>
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<td>Knee height</td>
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<td>13</td>
<td>Shoulder breadth (bideltoid)</td>
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<tr>
<td>14</td>
<td>Chest (bust) depth</td>
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<td>15</td>
<td>Elbow-fingertip length</td>
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<tr>
<td>16</td>
<td>Popliteal height</td>
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<td>17</td>
<td>Hip breadth</td>
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<td></td>
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</tr>
<tr>
<td>18</td>
<td>Buttock-knee length</td>
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<td></td>
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</tr>
<tr>
<td>19</td>
<td>Thigh thickness (thigh clearance)</td>
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<td></td>
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<tr>
<td>20</td>
<td>Buttock-popliteal lengths</td>
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</tr>
</tbody>
</table>
2.2 Activities carried out in living room

2.2.1. Time on watching TV:

- Less than 1 hour in day
- One hour in day
- 3 hours to 6 hours in day
- No time

Opinions of Respondent user regarding the existing living room seating

2.3.1. Continuously how many hours do you spend seat on sofa

- One hour
- Less than 2 hours
- 2 to 3 hours

If more please specify:

………………………………………………………………………………

2.3.2. What time of the day like to seat on sofa:

Part of the day user prefer to seat on sofa:

- Morning
- Afternoon
- Evening
- At night

2.3.2. Please tell me in which of following position do you generally sit in sofa:

- Sitting upright on sofa.
- Sitting forward on sofa.
- Sitting pack on sofa.
- Leaning back on backrest.
- Another specify.

2.3.3. Out of body position acquired while sitting on sofa:

- Feet on foot rest
- Crossing legs
- Relaxing backwards
- Body held asymmetrically
- Other position
Section III: Ergonomic hazard analysis of existing living room Space and furniture.

A. Opinion of the respondents about various dimension of sofa in the living room.

2.3.5.1 Sitting on sofa
   2.3.5.1.1 The height of the seat is:
       Low.
       Right.
       High.
   2.3.5.1.2 The depth of the seat is front to back dimensions:
       More.
       Right.
       Less.

   The length of the sofa seat:
       Long
       Right
       Short

2.3.5.2 Back rest of sofa:
   2.3.5.1.1 The slope of the back is:
       Too much forward.
       Too much back ward.
       Right.
   2.3.5.1.2 The width of the back is:
       Too wide.
       Right.
       To narrow.
   2.3.5.1.3 The height of the back is:
       High.
2.3.5.2 Arm rest of sofa:

2.3.5.2.1 The height of the arm rest is:
- Low.
- Right.
- High.

2.3.5.2.2 The width of the arm rest is:
- Wide.
- Right.
- Narrow.

2.3.5.2.3 The depth of the arm rest is:
- More.
- Right.
- Less

Does the working space allow for a full range of movement?
- yes  
- no

Are mechanical aids and equipment available?
- yes  
- no

Is the height of the work surface adjustable?
- yes  
- no

Can the work surface be tilted or angled?
- yes  
- no
Opinions Of users regarding the existing living room Space.

1.1.5. Is the Workstation designed to reduce or eliminate awkward posture?

1. Bending or twisting at the waist?  yes  no
2. Reaching above the shoulder?  yes  no
3. Static muscle loading?  yes  no
4. Extending the arms?  yes  no
5. Raised elbows?  yes  no

presence of possibility of comfortable Posture in the living room

1. Are you able to vary posture?
   yes  no
2. Are hands and arms free from pressure from sharp edges on work surfaces?
   yes  no
3. Is an armrest provided where needed?
   yes  no
4. Is the floor surface flat?
   yes  no
5. Are cushioned floor mats provided when you stand for long periods?
   yes  no

6. Is the chair easily adjustable and suited to the task?
   yes  no
7. Is there a good visibility for task performance?

yes  no

8. Is there adequate program for maintenance of tools and equipment?

yes  no

B. Pain and discomfort with living room furniture.

2.2.2 Have you had any pain or discomfort with living room furniture

yes  no

The opinion of the respondents about the part of body where pressure felt while sitting on sofa by the respondents

At the back.
On thighs.
On knees
At the feet (sole)
Drawings below which the location of the pain which that bothers you while sitting on sofa using Borg scale assessment.

2.2.3. Please complete a separate page for each area that bothers you

Check area  Neck  Shoulder  Elbow
Forearm  Hand/Wrist  Fingers  Upper back
Low back  Thigh  Knee  Low leg  Ankle/foot

When did you first notice the problem?

Recently.
Number of months ago.
Years ago.
No pain
Have you had this problem in the last 7 days?
2.3.8 Carefully pointed in the area of the drawings below which indicate the location of the pain which bothers you when you are sitting on sofa?

*Figure (3). The 23 local body parts (adapted from Corlett and Bishop, 1976)*