Aadhaar: Inclusion of Children

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Who is This Child?

6-hour old baby

Vaccination camp, Benin

Food distribution, courtesy, WFP
## Aadhaar Enrollment

### Capturing Demographic & Biometrics Information

<table>
<thead>
<tr>
<th>Demographic Data</th>
<th>Biometrics Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Photograph of face</td>
</tr>
<tr>
<td>Date of Birth (age)</td>
<td>10 fingerprints and 2 irises capture</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Mobile</td>
<td></td>
</tr>
<tr>
<td>e-Mail</td>
<td></td>
</tr>
</tbody>
</table>

Name. Date of Birth (age), gender, address, mobile number and email (optional).

For enrolling children

In case of children below 5 years, parents' / guardian's name, Aadhaar and biometrics have to be provided at the time of enrolment.
Lowering Enrollment Age for Aadhaar

• India has ~67,000 births/day (25 million births/year)
• CDC defines child development age groups

Infant: 0-1 yrs  Toddlers: 1-2 yrs  Toddlers: 2-3 yrs  Preschoolers: 3-5 yrs

• By age 3, a child can follow simple instructions and be understood
• What is the lowest age to capture face, fingerprint and iris for effective de-duplication and authentication?
Previous work

Permanence, uniqueness, ergonomic, acceptability, cost, throughput
Summary and Challenges

• Longitudinal data collection
• Data sharing (privacy issues)
• Low-quality images (non-cooperative subjects)
• Wet and dirty fingers
• Relatively larger acquisition time
• Patience during data collection