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| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | FG-AI4H-S-004 | |
| ITU-T Focus Group on AI for Health | |
| Original: English | |
| **WG(s):** | | Plen | Geneva, 3-5 July 2023 | |
| **DOCUMENT** | | | | |
| **Source:** | | TSB | | |
| **Title:** | | Publication of Focus Group Deliverables – follow-up (Geneva, 3-5 July 2023) | | |
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| **Abstract:** | In Meeting N, [N-046](https://extranet.itu.int/sites/itu-t/focusgroups/ai4h/docs/FGAI4H-N-046.pptx) was presented with the results of a self-assessment on the progress of the various deliverables, and provided a basic analysis. O-004 (Berlin) furthered the earlier analysis and identified a possible way forward for each of them, on page 2 onwards. A number of deliverables were readied after meeting Q and submitted to the online approval process. In total, 12 Deliverables are approved as of the start of Meeting R, and 2 more at its closing. This version contains updates to the original analysis reflecting the current status. Attachment 1 contains a presentation summarizing the information hereinafter. NB – File reuploaded |

**Legend:**

| Maturity Grade | Maturity |
| --- | --- |
| A | 80% and up |
| B | 51 to 79% |
| C | 26 to 50% |
| D | Under 25% |
| F | 0 |

|  |  | **Maturity** | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Possible way forward / Deliverable number** | **Deliverable name** | **A** | **B** | **C** | **D** | **?** |
| **Completed the approval process** |  |  |  |  |  |  |
| DEL 0.1 | Common unified terms in artificial intelligence for health |  | X |  |  |  |
| DEL 1 | AI4H ethics considerations | X |  |  |  |  |
| DEL 2 | Overview of regulatory considerations on artificial intelligence for health | X |  |  |  |  |
| DEL 2.1 | Mapping of IMDRF essential principles to AI for health software | X |  |  |  |  |
| DEL 2.2 | Good practices for health applications of machine learning: Considerations for M&R | X |  |  |  |  |
| DEL 3 | AI4H requirement specifications | X |  |  |  |  |
| DEL 4 | AI software life cycle specification | X |  |  |  |  |
| DEL 5.1 | Data requirements | X |  |  |  |  |
| DEL 5.3 | Data annotation specification | X |  |  |  |  |
| DEL 5.4 | Data annotation specification | X |  |  |  |  |
| DEL 5.5 | Data handling | X |  |  |  |  |
| DEL 6 | AI training best practices specification | X |  |  |  |  |
| DEL 7 | AI for health evaluation considerations | X |  |  |  |  |
| DEL 7.2 | AI technical test specification | X |  |  |  |  |
| DEL 7.4 | Clinical evaluation of AI for health | X |  |  |  |  |
| DEL 10 | AI4H use cases: Topic Description Documents | X |  |  |  |  |
| **Approval to be discussed at Meeting S** |  |  |  |  |  |  |
| DEL 10.2 | Dermatology (TG-Derma) |  | X |  |  |  |
| DEL 10.4 | Falls among the elderly (TG-Falls) | X |  |  |  |  |
| DEL 10.7 | Maternal and child health (TG-MCH) | X |  |  |  |  |
| DEL 10.9 | Ophthalmology (TG-Ophthalmo) | X |  |  |  |  |
| DEL 10.14 | Symptom assessment (TG-Symptom) | X |  |  |  |  |
| DEL 10.17 | Dental diagnostics and digital dentistry (TG-Dental) | X |  |  |  |  |
| DEL 10.20 | AI for endoscopy (TG-Endoscopy) |  | X |  |  |  |
| DEL 10.21 | AI for musculoskeletal medicine (TG-MSK) | X |  |  |  |  |
| DEL 10.23 | AI in traditional medicine (TG-TM) |  |  | X |  |  |
| DEL 10.24 | AI for point-of care diagnostics (TG-POC) | X |  |  |  |  |
| **Review approach during Meeting S** |  |  |  |  |  |  |
| DEL 0 | Overview of the FG-AI4H deliverables |  |  |  |  | X |
| DEL 10.5 | Histopathology (TG-Histo) |  | X |  |  |  |
| DEL 10.6 | Malaria detection (TG-Malaria) |  |  |  |  | X |
| DEL 10.8 | Neurological disorders (TG-Neuro) |  | X |  |  |  |
| DEL 10.10 | Outbreak detection (TG-Outbreaks) |  | X |  |  |  |
| DEL 10.11 | Psychiatry (TG-Psy) |  | X |  |  |  |
| DEL 10.12 | Radiology (AI for) (TG-Radiology) |  | X |  |  |  |
| DEL 10.16 | Volumetric chest CT (TG-DiagnosticCT) |  |  |  |  | X |
|  |  |  |  |  |  |  |
| **Development stalled but somewhat mature; salvage?** |  |  |  |  |  |  |
| DEL 7.1 | AI4H evaluation process description |  | X |  |  |  |
| DEL 10.1 | Cardiovascular disease management (TG-Cardio) |  | X |  |  |  |
| **Some content, but still immature** |  |  |  |  |  |  |
| DEL 10.13 | Snakebite and snake identification (TG-Snake) |  |  |  |  | X |
| DEL 10.15 | Tuberculosis (TG-TB) |  |  | X |  |  |
| DEL 10.18 | Falsified Medicine (TG-FakeMed) |  |  |  |  | X |
| DEL 10.22 | AI for human reproduction and fertility (TG-Fertility) |  |  |  | X |  |
| **Development stalled** |  |  |  |  |  |  |
| DEL 5.2 | Data acquisition |  |  |  | X |  |
| DEL 7.3 | Data and artificial intelligence assessment methods (DAISAM) reference |  |  |  |  | X |
| DEL 8 | AI4H scale-up and adoption |  |  |  |  | X |
| DEL 9 | AI4H applications and platforms |  |  |  |  | X |
| DEL 9.1 | Mobile applications |  |  |  |  | X |
| DEL 9.2 | Cloud-based AI applications |  |  |  |  | X |
| DEL 10.3 | Diagnosis of bacterial infection and anti-microbial resistance (TG-Bacteria) |  |  |  |  | X |
| DEL 10.19 | Primary and secondary diabetes prediction (TG-Diabetes) |  |  |  |  | X |

Discontinued categories:

|  |  |  |  |  |  |  |
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| **Overview document. Progress depends on the complete set of deliverables** |  |  |  |  |  |  |
| **Check if content can be reused elsewhere, discuss with editors. Maybe remove from list of deliverables.** |  |  |  |  |  |  |
| **Discuss with editor how to move to next step.** |  |  |  |  |  |  |
| **No draft exists. Remove from the list of deliverables.** |  |  |  |  |  |  |
| **Old TG, incipient documentation. Discontinue TG.** |  |  |  |  |  |  |
| **Stalled, postpone to next cycle** |  |  |  |  |  |  |
| **New, active TG. Wait for next cycle** |  |  |  |  |  |  |
| **Wait for next cycle.** |  |  |  |  |  |  |

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