

HKU Nursing Youth Innovation Challenge 2026 Case Scenario: Mr Choi (Care@Home)

Patient Profile: Mr Choi (Age 72)

- **Living Situation:** Lives alone in Kwun Tong. Visited bi-weekly by a community worker.
- **Health Conditions:** Type 2 Diabetes, Hypertension, and early-stage knee Osteoarthritis.
- **Psychosocial Status:** Socially isolated, mild depressive symptoms, and lonely since his wife passed away.

Key Challenges

- **Medication & Vitals:** Poor eyesight and mild memory decline cause frequent missed doses. Finds paper health logs confusing.
- **Mobility & Fall Risk:** Joint pain limits mobility. Fears falling at home alone.
- **Diet & Self-Care:** Relies on high-sodium canned/takeaway food due to difficulty cooking.
- **Digital & Emotional Barriers:** Owns a basic smartphone for calls only. Feels intimidated by apps and seeks genuine emotional connection.

Student Innovation Challenge

Your team is tasked with designing an innovative digital nursing solution tailored to Mr. Choi's daily life. Keep in mind that **you are not required or expected to solve all of Mr. Choi's problems.**

- **Select Your Core Focus:** Focus on **one or two specific pain points** (e.g., medication routines, daily safety, nutrition, or emotional well-being) and build your solution around them.
- **Prioritise Depth Over Scope:** A detailed, practical solution targeting a specific problem is far more effective than a broad concept trying to address every challenge.
- **Design with Heart and Simplicity:** Account for Mr. Choi's age, declining vision, and low digital literacy. Keep the technology warm, accessible, and user-friendly.
- **Think Outside the Box:** Software, hardware, smart home devices, service workflows, or community connection models are all welcome.

Two-Page Proposal in PDF format adhering to the following structure

- **Problem Analysis & Innovation Design** (Patient Needs Assessment & Proposed Digital Solution targeting Mr Choi's needs)
- **Implementation & Impact** (Implementation Plan, Expected Outcomes & Future Scalability)