Progetto Burundi al Dipartimento di Informatica

The Burundi Project at the Department of Computer Science (official web page) is a collaboration of the Department with the Pro-Africa Foundation. It is a part of a wider collaboration, named "Burundi Project", activated some years ago between several organizations and foundations (pro-Africa Foundation, University of Ngozi, Don Gnocchi Foundation, Giorgio Zanotto Foundation) and the University of Verona.

The active project provides

- the participation of the University of Verona to the didactic work of the Bachelor of Arts in Nursing at the University of Ngozi (Burundi);
- the help for the management and funding of the hospital of Ngozi, also for didactic purpose.

The new project provides to study, design, and initiate a medical second-opinion protocol and software system. For this purpose, the Department of Computer Science started a research grant whose goals include:

- · a feasibility study,
- · the design,
- the implementation and management

of a software system that should allow to physicians in Verona to help and collaborate with their colleagues in Ngozi providing them with a second opinion about some medicine cases. Actually, as first "case study", the project is focusing in neonatal cardiology. For this purpose, some medical and computer equipments have been acquired thanks to a funding received from Regione Veneto.

However, the developed software is absolutely general in its functionalities and it will permit to provide second opinions in almost all clinical sectors.

Figures depict two screenshots of the developed software prototype. The first one show the page where physician in Burundi can insert and send a second opinion request, while the second one shows the page where physicians in Verona review the request and can reply it.

teleM	Med@Ngozi Logged in as gabriele Logou
1, 12,	
lavigation	Home
Closed consultations Open consultations Patients Chat now!	Create Consultation Patient * 20140225p1_b - Doe Jane Urgency *
perations	Normal \$
New consultation New patient	Reason for consultation
New patient	- Medical history
	Show row weights
	Medications
	+
	One medication per line. A medication should include active principle/drug name and posology.
	(Add another item)
	Past medical history
	History of present illness
	= Bhysical examination
	→ Physical examination —
	Weight Kg
	Height cm
	Temperature °C
	Pulse rate

Figure 1: Page for the request of a second opinion.

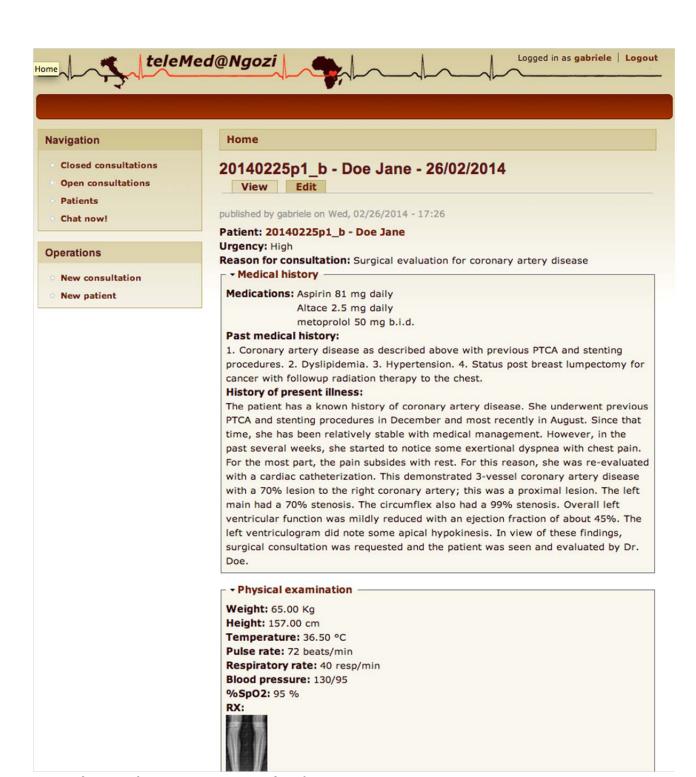


Figure 2: Page for request review and reply.