

# Mobile application for blood transfusion alert calls

Small or medium scale focused research project (STREP) proposal

Jana Milutinovic – [jana\\_milutinovic@yahoo.com](mailto:jana_milutinovic@yahoo.com)

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# Proposal abstract

- **How often do you donate blood?**
- **Do you know where you can donate it?**
- Provide health centers support in blood transfusion process by:
  - simplifying creation of an instant alert for donors about low blood supplies
- Provide donors support in blood transfusion process by:
  - providing access to the database of health centers in need for blood
  - providing useful information and guidance through transfusion process

# Strategy of the work plan

The project is organized in 7 work packages as follows:

- WP0 - Concept development and planning (Project management)
- WP1 - Requirements analysis
- WP2 - Design
- WP3 - Database architecture, Implementing basic functionalities
- WP4 - Development of admin user rights and actions
- WP5 - Development of donor user rights and actions
- WP6 - Development of form for entering data about used blood by admin and notification for donor user

# Alert Donor – Gantt chart

Project management

1/3/2020 – 30/6/2020

Requirements analysis

01/3/2020 – 15/6/2020

Design

16/3/2020-31/3/2020

Database architecture,  
initial implementation

16/3/2020-31/3/2020

Development of admin user  
rights and actions

1/4/2020-30/4/2020

Development of donor user  
rights and actions

1/5/2020-31/5/2020

Post development

1/6/2020-30/6/2020

# Participants

- MATF - Faculty of Mathematics, University of Belgrade
- ITDM – IT Company from Serbia
- RCS – Red Cross of Serbia

# Resource plan

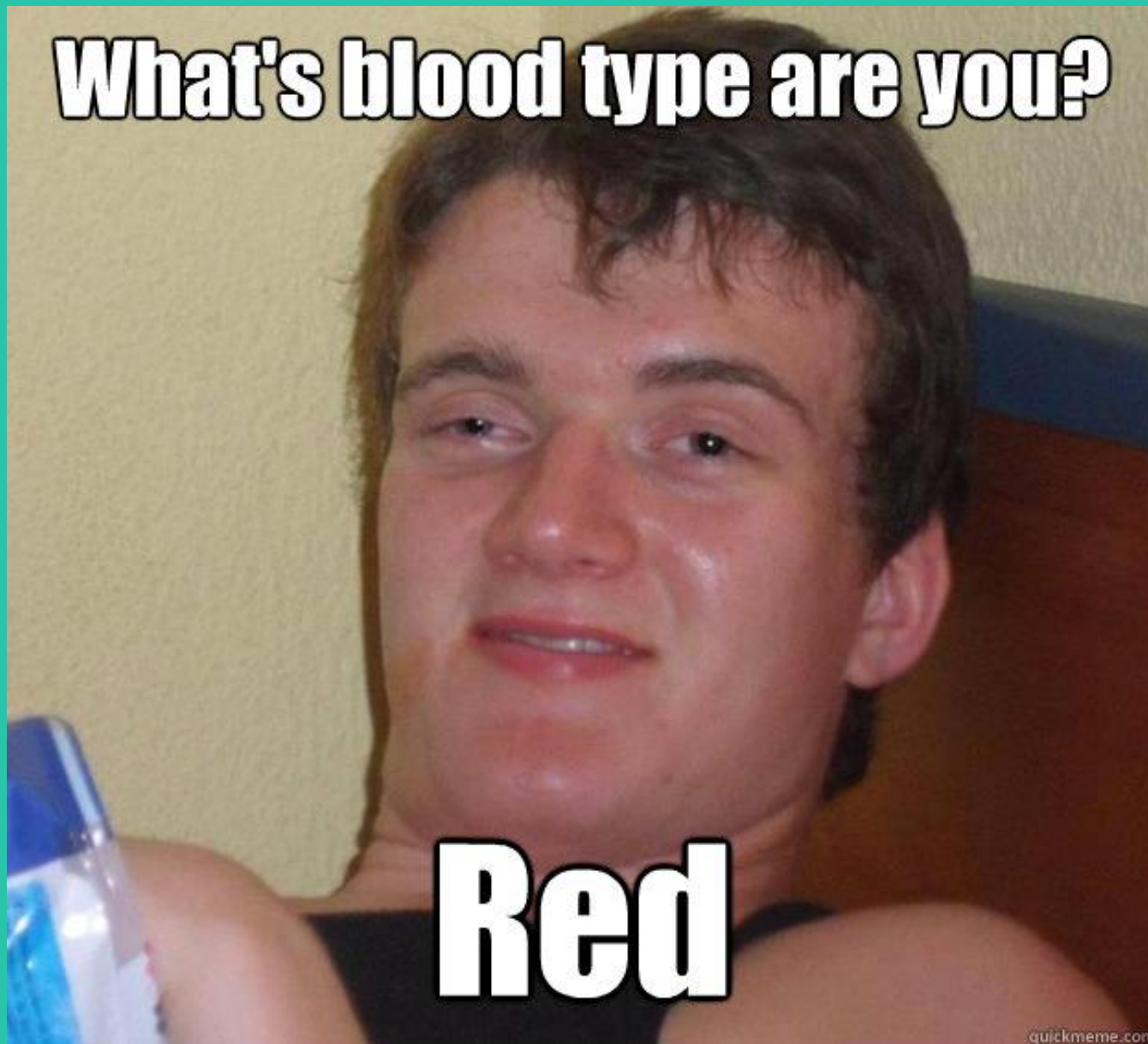
Partic. no.	Partic. short name	WP0	WP1	WP2	WP3	WP4	WP5	WP6	Total person months
1	MATF	0.5	0.5	0.5	1	1	1	1	5.5
2	RCS	0.5	0	0	0	0.5	0.5	0.5	2
3	IDTM	0.5	0.5	0.5	1	1	1	1	5.5
Total		0.5	1	1	2	2.5	2.5	2.5	13

Impact

**Saving lives**



**What's blood type are you?**



quickmeme.com

Thank you for your attention!



Questions?