



Faculty of Cyber Physical Systems

Department of Internet of Things and Robotics Engineering

Online Blood Bank Management System

Session: 2020-2021

Course Code: ICT 4354

Course Title: Software Engineering Lab

Submitted To:

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Submitted By:

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Members: Group - 6

1. Sajid Allam (2001019) - Absent Shifak 30/9/24
2. Maliha Rahman Mitu (2001020) - Present
3. Norul Hoda (2001026) - Present

Online Blood Bank Management System

SDLC Selection matrix

Priority	Criteria	Waterfall	V-Shape	Iterative	Spiral	Agile	Prototype
5	Well defined requirements	5	5	1	3	15	1
4	Complex Technology	1	4	4	4	4	4
6	Changing requirements	1	1	5	5	5	6
5	User feedback	1	1	$\frac{5}{4}$	3	$\frac{5}{4}$	$\frac{5}{4}$
4	Risk Management	1	4	4	4	4	1
5	Fast Delivery	1	5	5	5	5	5
4	Scalability	1	4	4	4	4	1
3	Easy Maintenance	3	3	3	3	3	3
5	High Security	5	5	5	5	5	1
4	Cost Efficiency	4	4	4	3	13	4
45	Total Score	23	36	40	42	43	31

So, the ^{Agile} Spiral model is more suitable for Online Blood Bank Management System.

Shifak
30/9/24