

# RateMyResident

A Secure and Intuitive Medical Resident Evaluation Tool

Alex Johnson '18 | Advisor: Dr. Ewa Syta

## Motivations

Saint Francis Hospital needs more efficient and convenient way to obtain feedback/evaluations on medical residents from faculty members.

Security is a must, as information in the evaluations is protected under HIPAA and FERPA.

Ease of use is also very important so faculty members and site director are comfortable using the new evaluation system in place of current system.

## Solution

Instead of having faculty members create login credentials to leave feedback and evaluations, implement single-use credentials in form of hyperlink distributed via email.

Avoids reuse of current hospital software credentials.

System implemented as an intuitive website with clean design so no training or instruction is required to use the website.

Resident	Faculty	Status	Resident Year	Year	Block	Rotation	Last Modified	Options
Tommy Marshall '20	Andrew Jackson	Not Yet Started	1st	2015	1	Orange Surgery	Apr-28-2018 09:38 AM	Show Edit Remind Delete
Tommy Marshall '20	Sam Adams	Complete	1st	2015	2	Orange Surgery	Apr-25-2018 03:32 PM	Show Edit Remind Delete
Tommy Marshall '20	Sam Adams	Complete	1st	2016	5	White Surgery	Apr-25-2018 03:41 PM	Show Edit Remind Delete

Resident	Faculty	Status	Resident Year	Year	Block	Rotation	Last Modified	Options
William Place '20	Lucy Bell	Not Yet Started	2nd	2018	3	Colorectal	Apr-24-2018 02:15 PM	Show Edit Remind Delete
Julia Smith '19	Ben Jameson	Not Yet Started	1st	2016	3	Orange Surgery	Apr-24-2018 04:34 PM	Show Edit Remind Delete
Tommy Jones '18	Bob Dylan	In Progress	1st	2016	10	Acute Care Consult	Apr-24-2018 02:08 PM	Show Edit Remind Delete
William Place '20	Bob Dylan	In Progress	2nd	2017	3	Orange Surgery	Apr-24-2018 02:14 PM	Show Edit Remind Delete
William Place '20	Lucy Bell	In Progress	1st	2017	6	Surgical Icu	Apr-24-2018 02:12 PM	Show Edit Remind Delete
Tommy Jones '18	Bob Dylan	Complete	1st	2016	8	Orange Surgery	Apr-24-2018 02:06 PM	Show Edit Remind Delete

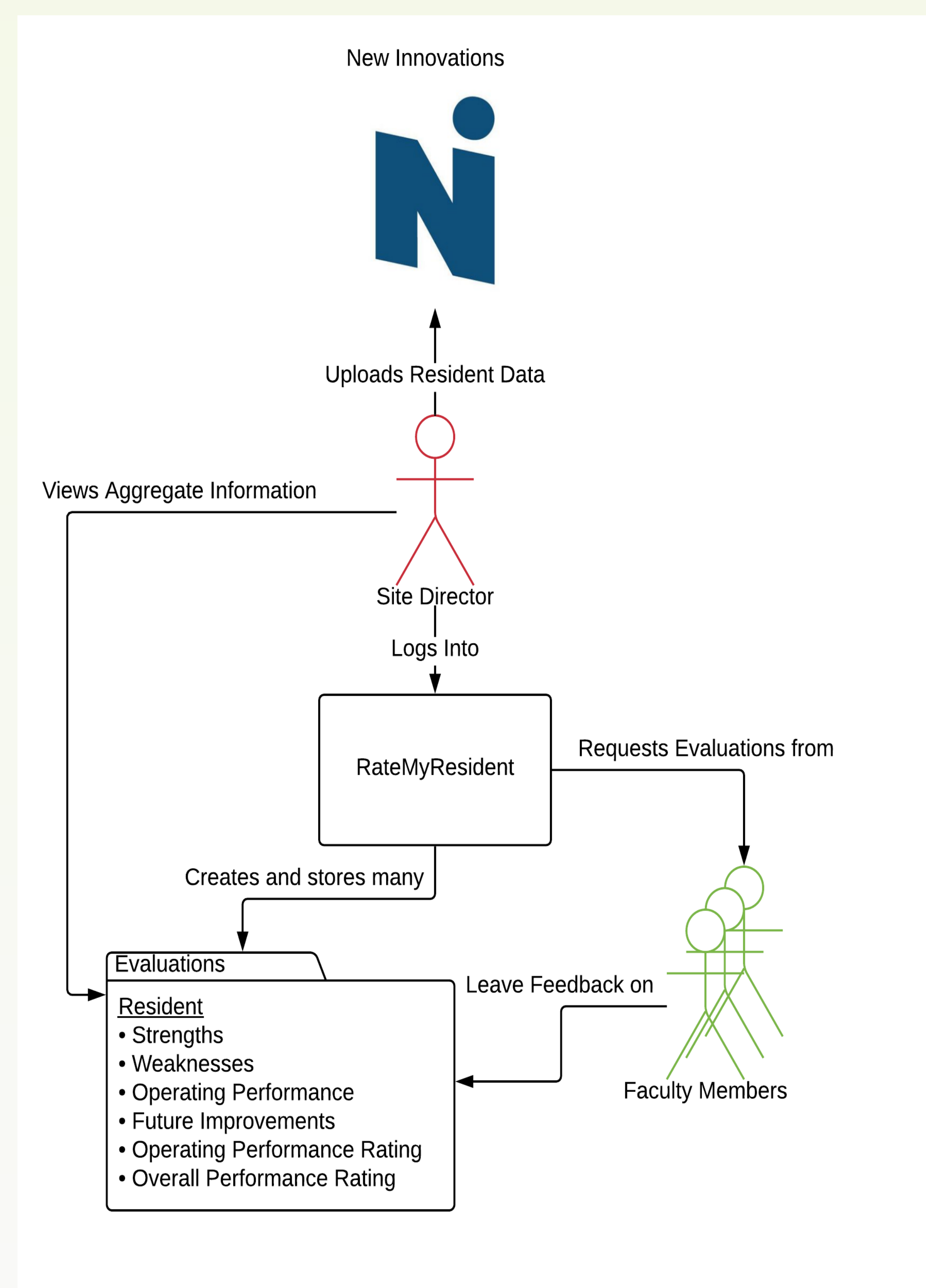
## Features

Site Director can:

- add, view, modify, and delete residents, faculty members, and evaluations
- upon evaluation creation email with single-use credential link is sent to corresponding faculty member
- send reminder email to evaluations that need to be worked on

Faculty members can:

- use email link to navigate to website and fill out evaluation
- save progress on evaluation and come back
- submit evaluations for site director to view



## Acknowledgements

Dr. Vijay Jayaraman, the Site Director at Saint Francis Hospital assisted in coming up with the design details and features of the website.