Software Self Adaptation by Group 9

White Coat Clinic EHR

• Automated feature detection: Feature detection can be used to recognize patterns and trends in the data and make changes to the software to adapt to changes in the data. For example, the software could detect when new features or data points are added and automatically incorporate them into the application.

• Automated scalability: Scalability is key to ensuring the software can handle increasing amounts of data and usage. Automated scalability can be implemented to ensure the software can scale up or down depending on the usage and data requirements.

• Automated optimization: Automated optimization can help improve the performance of the software by identifying areas where the code can be improved or optimized. This can help ensure the software is running as efficiently as possible.

• Automated testing: Automated testing can help ensure the software is functioning as expected and can detect any potential issues or problems. Automated testing can also help reduce manual testing time and effort.

• Automated security: Automated security can help ensure the software is secure from any malicious actors or threats. Automated security measures can help detect any vulnerabilities or threats and take appropriate action to protect the software.