



Construct **AlertGenerator** with **Patient** object to load patient data of thresholds for blood pressure and heart rate. “**evaluateData**” method compares real-time **PatientData** with patient thresholds. Initial **Alert** object. If certain number reached, instantiate certain alert type and pass on patient information. Alert object will initial **AlertManager** object with alert object. **AlertManager** object will perform **sendAlert** method based on alert type and information to send alert to certain doctor.