

Heart Sound Classification - Project Plan Document

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Introduction

The Project Plan document basically defines the tasks and scope of the project against a timeline. It can also showcase the different milestone achievements and deadlines for each of them.

Problem Statement

The Human heart generates a lub dub sound under its normal operating conditions. But it give rises to many variations of the normal sounds when recorded from unhealthy subjects. Hence with an increase in the number of smart devices capable of listening to heart sounds, there is a need to conceptualize and prototype algorithms capable of automatically detecting normal v/s abnormal heart sounds.

Dates and Milestones

Data Collection and Preprocessing

Expected Date : 10/09/2017

Milestone Type : Internal

Strategy Formulation and Documentation

Expected Date : 15/09/2017

Milestone Type : External

Data Feature Engineering

Expected Date : 5/10/2017

Milestone Type : Internal

Data Modeling and Classification

Expected Date : 30/10/2017

Milestone Type : Internal

Scoring, Re-iterating and Demoing

Expected Date : 15/11/2017

Milestone Type : External