Rhythm

Sadhika Billa
Thenaesh S/O N Elango

Team number: 151
Team name: Kill Dash Nine
Level Of achievement: Apollo 11

Uses code to generate score sheets and once the code is compiled it allows the user to play it back instantly.

If we have time, we will implement features to allow users to share score sheets and make changes to them (like a real time editor)

```ruby
class CompetitionEntry < ActiveRecord::Base
  belongs_to :user
  has_many :participants, :dependent => :destroy
  has_one :address, :dependent => :destroy
  has_one :music_program, :dependent => :destroy

  accepts_nested_attributes_for :address,
    :reject_if      => :all_blank

  accepts_nested_attributes_for :music_program,
    :reject_if      => :all_blank

  accepts_nested_attributes_for :participants,
    :allow_destroy => true,
    :reject_if      => :all_blank

  #validate :at_least_one_participant
  validate  :must_have_one_address
  validate  :must_have_one_music_program
  validates :email_address, presence: true, uniqueness: true
  validates :applicant_name,
            :applicant_surname,
            :category,
            :section,
            :email_address,
            :teacher_firstname,
            :teacher_surname, presence: true
  validates :home_number, presence: true, numericality: true
  validates :mobile_number,  allow_blank: true, numericality: true

  def at_least_one_participant
    errors.add(:application, "must have at least one participant") if self.participants.size
  end

  def must_have_one_address
    errors.add(:application, "must have one address") if self.address.nil?
  end

  def must_have_one_music_program
    errors.add(:application, "must have one music program") if self.music_program.nil?
  end
end
```


25:00

🎻 Practice session
25:00

✈ Break - check notes
05:00