

# Salute Trasparente

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2.0

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<b>CONTENT</b>	<b>2</b>
<b>INTRODUCTION</b>	<b>3</b>
Overview	3
Deliverables and Milestones	3
<b>PROJECT MANAGEMENT APPROACH</b>	<b>4</b>
Project Goals	4
Monitoring	4
Risk Assessment	4
<b>TECHNICAL APPROACH</b>	<b>6</b>
<b>PROJECT ORGANIZATION</b>	<b>6</b>

# INTRODUCTION

## Overview

Our application helps people get more awareness about how money gets spent in the health sector in Italy.

The application will have a map geo-referenced scheme showing information for each region's health spending. It will provide transparency for users.

More specifically, the app will provide the following information:

- How much money the State sends to each Region. It will show a statistic of incoming funds and population (per capita);
- Balance between the funds received by each Region from the State and how much money each Region spends in the health sector;
- How much money each Region sends to other Regions and how much money it gets from the other Regions for health services;
- A coloured map of Italy based on this statistics of incoming money and expenditures.

## Deliverables and Milestones

These are the documents that will be handed in according to the guidelines and requirements:

1. Project Plan (23/10/2017)
2. Requirements Plan (09/11/2017)
3. Testing Plan (23/11/2017)
4. Design Plan (15/12/2017)
5. Release App (31/01/2018)

# PROJECT MANAGEMENT APPROACH

## Project Goals

The goal is to upload the application on Google Play in February 2018 after the assessment of Professor Cortesi.

## Monitoring

We will organize a weekly meeting with all team in order to discuss activity, priority and issues. The weekly team meeting will be held on each Tuesday from 12 to 14.

## Risk Assessment

The initial Risk Assessment (following page) attempts to identify, characterize, prioritize and document a mitigation approach relative to those risks which can be identified prior to the start of the project.

The Risk Assessment will be continuously monitored and updated throughout the life of the project.

<b>Risk</b>	<b>Impact (Low/Medium/ High)</b>	<b>Probability (Low/Medium /High)</b>	<b>Prevent from happening</b>	<b>Strategy in case of event</b>
Difficulty on finding open data	<b>High</b>	<b>Medium</b>	All team search open data for the project	Remodulation of the analysis according to the retrieved data
Lack of Android Knowledge	<b>Medium</b>	<b>High</b>	Organizing a training session	Develop code in teams of two
Machine Failure for One or More Members	<b>Low</b>	<b>Low</b>	The member should take more care of his personal computer	The member will work on the University PC's.
Person's Health	<b>Medium</b>	<b>Medium</b>	Drink tea, eat a lot of fruits and sleep well	Reassignment of his tasks between the other members of the group. Also recovery of hours when feeling better.
Bugs on future App release	<b>High</b>	<b>High</b>	Create a downgrade update plan	Download the latest version from Git and start again

## TECHNICAL APPROACH

We will be using Android studio to develop our application sharing our app project on Github platform. Each major release of the app will be re-numbered while minor updates will get a “decimal” increment in the application version number.

The documents that we are going to deliver will be developed on Google docs in order to share them within the group.

## PROJECT ORGANIZATION

Our project will be split into the following phases, being the fourth one the main phase, that we expect will keep us busy for most of the time:

Task	Start Date	End Date	Duration
Training and data collecting	1-Oct-17	23-Oct-17	22
Training and data collecting	10-Nov-17	27-Nov-17	17
Requirements analysis	23-Oct-17	9-Nov-17	14
Requirements analysis	4-Dec-17	19-Dec-17	15
Design	9-Nov-17	23-Nov-17	14
Design	22-Dec-17	02-Jan-18	10
Development	23-Nov-17	30-Dec-17	37
Development	11-Jan-18	28-Jan-18	17
Testing	02-Dec-17	19-Dec-18	17
Testing	30-Dec-17	31-Jan-18	31

