SENG3011 20T1

Management Information

Medics

Abanob Tawfik	z5075490
Kevin Luxa	z5074984
Lucas Pok	z5122535
Rason Chia	z5084566

Project Plan

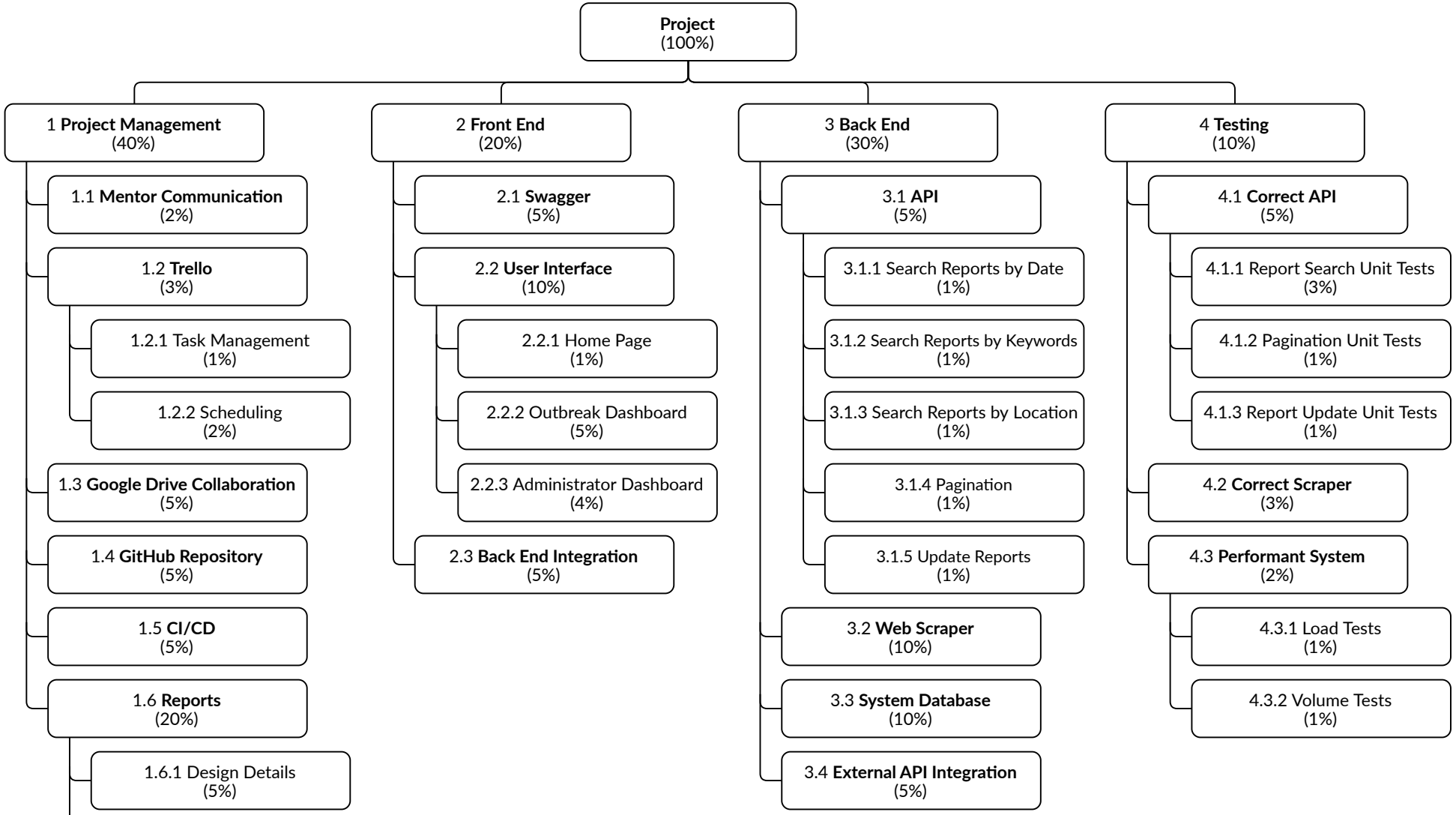
Team Member Responsibilities

Team Member	Responsibilities
Abanob	Azure hosting, DevOps, Report, API Endpoint Query setup
Kevin	API design, Report, database management
Lucas	Scraper, Report, API EndPoint retrieval
Rason	Azure Hosting, Report, API EndPoint return cases

Team Coordination

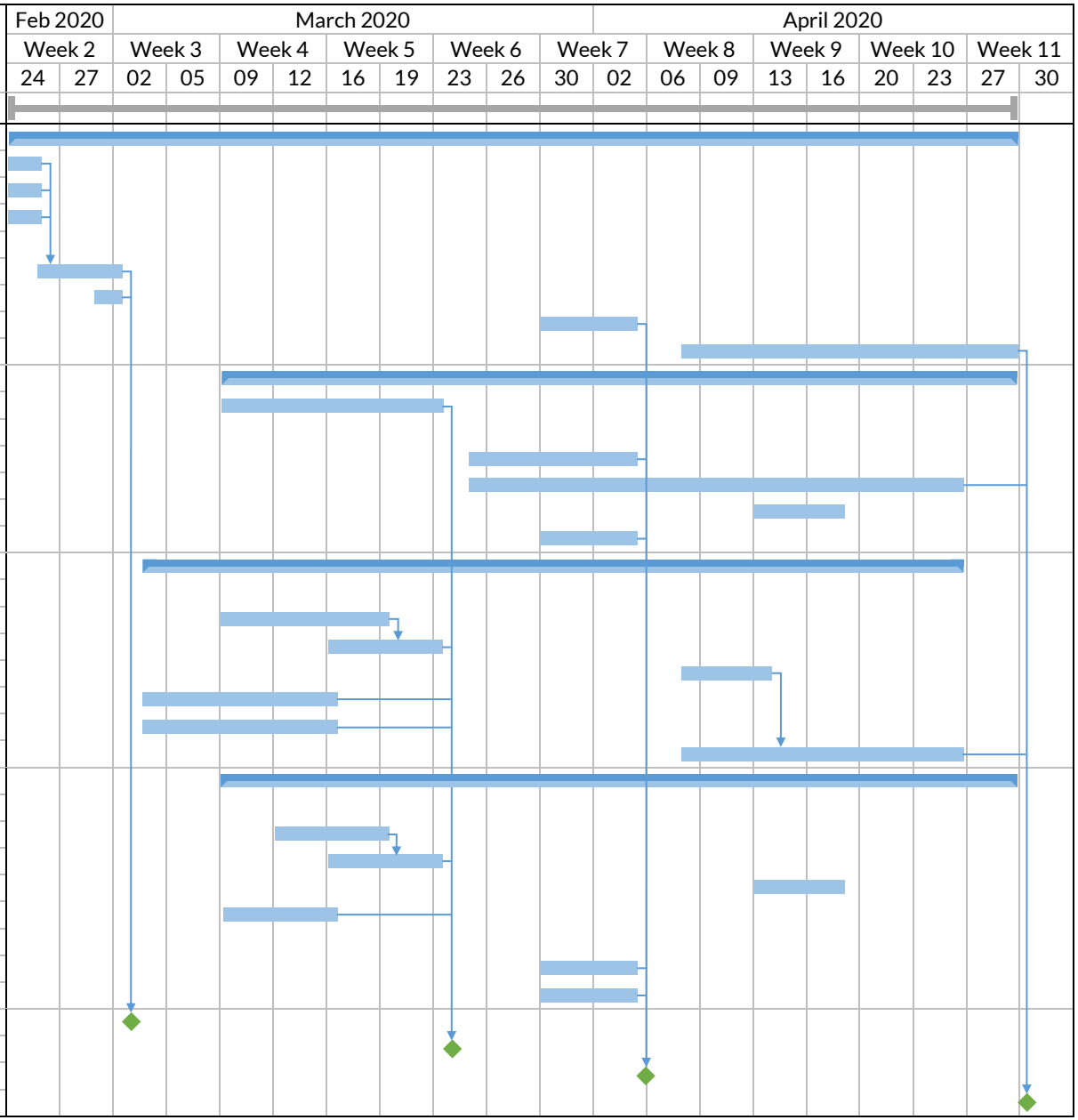
Below are the resources and tools we will be using to coordinate our work:

GitHub https://github.com/AbanobTawfik/SENG3011_Medic	For development, code sharing and collaboration
Messenger https://www.messenger.com/t/3002862533126276	For communication, discussions and organising meetings
Trello https://trello.com/b/44d7NKTB/seng3011	For task tracking
Google Drive https://drive.google.com/drive/folders/18-OkIiEd7jVN_wt8BQpDzy-1IHHfUnZO?usp=sharing	For drafting and preparing reports, and note-taking
Additional Group Meetings	Every Saturday at 12:00pm 1 hour meeting to discuss individual progress and current state of project as a group



Work Breakdown Structure

This Work Breakdown Structure decomposes the work into 4 work packages; project management, frontend, backend, and correctness. Percentages in brackets below each node indicates the estimated overall percentage of work required to complete.

Project Schedule

Task name	Begin date	Duration (days)
1 **Project Management**	24/02/2020	66
1.2 Trello Setup	24/02/2020	3
1.3 Google Drive Setup	24/02/2020	3
1.4 GitHub Repository Setup	24/02/2020	3
1.6 Reports	26/02/2020	-
1.6.1 Design Details	26/02/2020	7
1.6.2 Management Information	01/02/2020	3
1.6.3 Testing Documentation	30/03/2020	7
1.6.4 Final Report	07/04/2020	24
2 **Front End**	09/03/2020	52
2.1 Swagger	09/03/2020	14
2.2 User Interface	25/03/2020	-
2.2.1 Home Page	25/03/2020	12
2.2.2 Outbreak Dashboard	25/03/2020	30
2.2.3 Administrator Dashboard	13/04/2020	7
2.3 Back End Integration	30/03/2020	7
3 **Back End**	04/03/2020	54
3.1 API	09/03/2020	-
3.1.1 Search Reports	09/03/2020	14
3.1.4 Pagination	16/03/2020	7
3.1.5 Update Reports	07/04/2020	7
3.2 Web Scraper	04/03/2020	14
3.3 System Database	04/03/2020	14
3.4 External API Integration	07/04/2020	20
4 **Testing**	09/03/2020	52
4.1 Correct API	12/03/2020	-
4.1.1 Report Search Unit Tests	12/03/2020	7
4.1.2 Pagination Unit Tests	16/03/2020	7
4.1.3 Report Update Unit Tests	13/04/2020	7
4.2 Correct Scraper	09/03/2020	7
4.3 Performant System	30/03/2020	-
4.3.1 Load Tests	30/03/2020	7
4.3.2 Volume Tests	30/03/2020	7
D1 Completed	03/03/2020	-
D2 Compelted	24/03/2020	-
D3 Completed	06/04/2020	-
D4 Completed	29/04/2020	-