



## COMPUTING & DIGITAL MEDIA

### PROJECT MANAGEMENT

#### ASSIGNMENT 6

*Projects Name:* Galway 2020

*Team:* Gravity

*Team's members:* Minh Tran - G00365411

Katarzyna Krakowska - G00364903

Stephen Melly - G00334648

Edgars Becs - G00377012

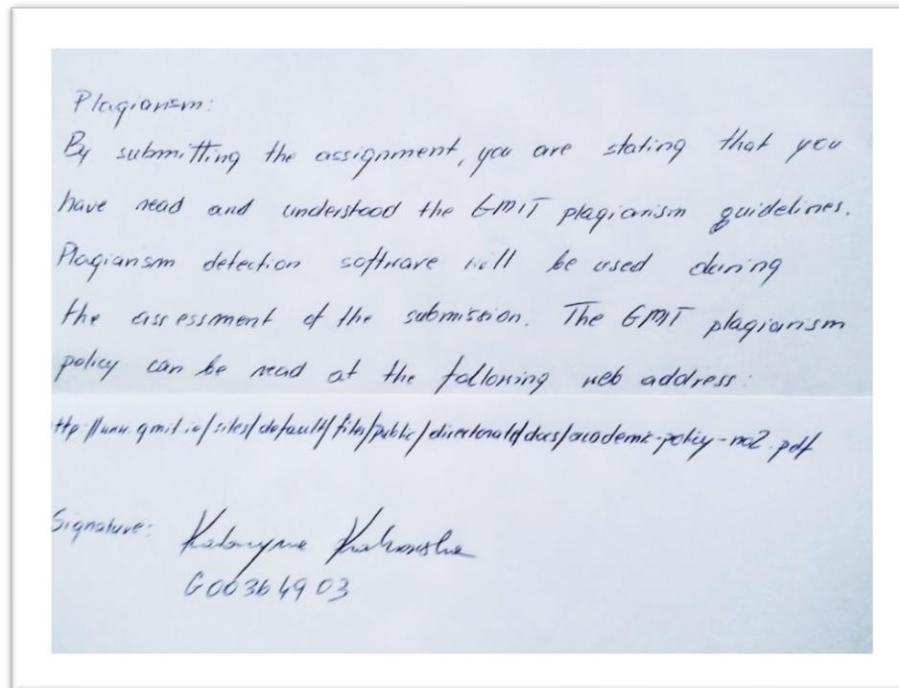
Thomas Burke – G00362619

**Date:** 30/03/2020

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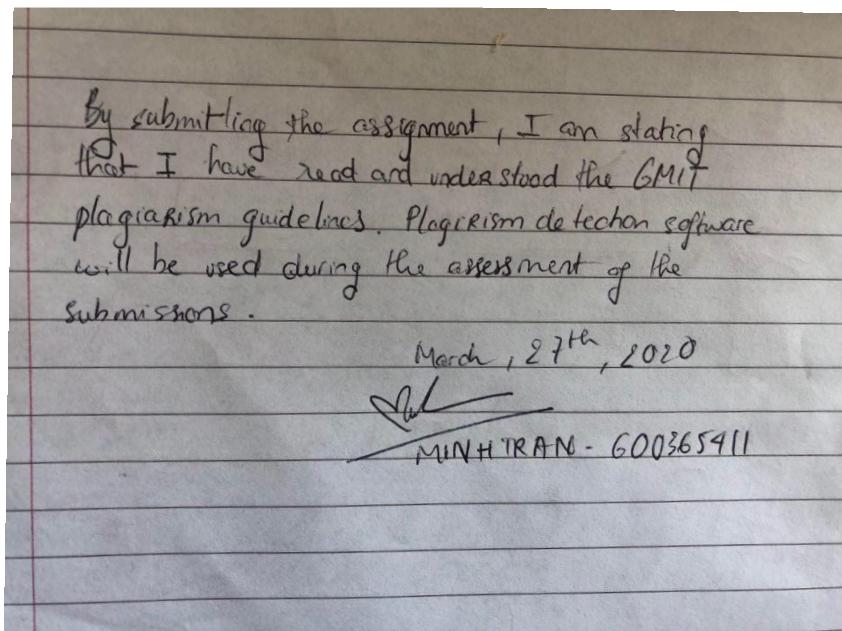
Katarzyna Krakowska – G00364903



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Minh Tran – G00365411



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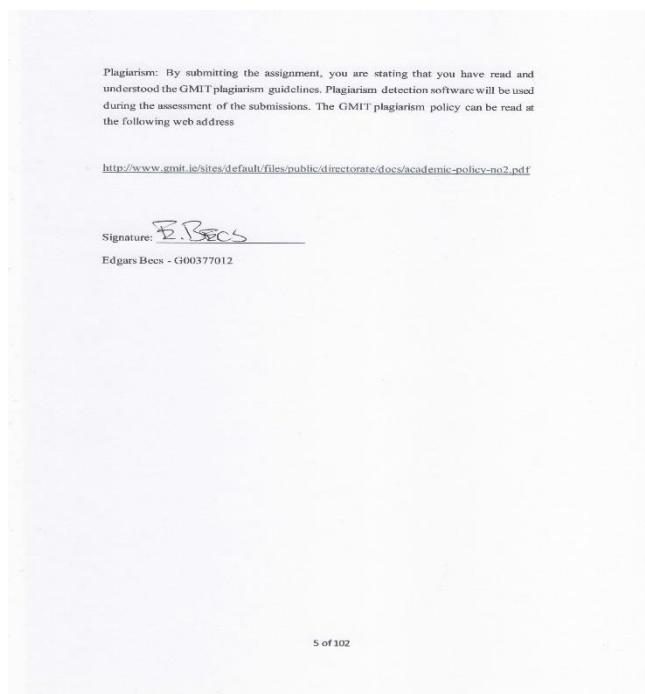
Signature: \_\_\_\_\_

Stephen Melly - G00334648

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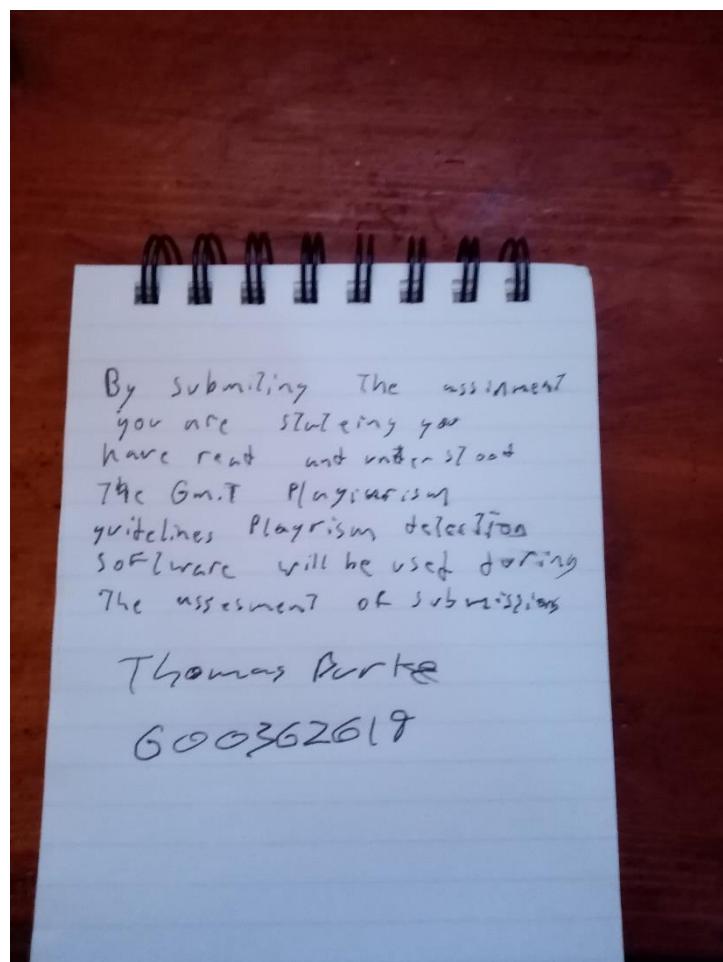
Edgars Becs - G00377012



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Thomas Burke – G00362619



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## 1. Project Introduction

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As part of the module Project Management, we were given task of creating and executing plan and development of a simple website for fictitious client. Document includes scope, plan, execution and managing development project using the SCRUM methodology and the Jira project management tool.

Work was divided into 8 separate assignment. The first phase of work on the project consisted of organizing team, choosing an idea and creating Inception Deck defining initial guidelines.

For the project, team Gravity decided to develop website for Galway 2020 to provide people with easy access to information and ideas about Galway 2020, increase awareness about environment, assist with valuable and interesting information about Galway.

Next step was to create Teams Working Agreement that sets out guidelines developed by the team that define expectations within the team, backlog with user stories and the definition of Ready and Done. For the purpose of the story sizing, team decided to use Planning Poker<sup>1</sup> free, online sprint planning tool.

After completing initial stage, team was ready to prepare for Sprint. The release duration was 4 week (2 sprint both 2 weeks long). Steps included creating an Agile Release Plan, a release plan burndown chart, estimating Team Velocity, plan the sprints, create a Scrum Board, create a sprint burndown chart, and execution of both sprints.

In order to complete task, team had to work together using software like GitHub, MS Teams, Jira and OneNote. Throughout the work, team kept Project Planning and Progress journal, updated weekly.

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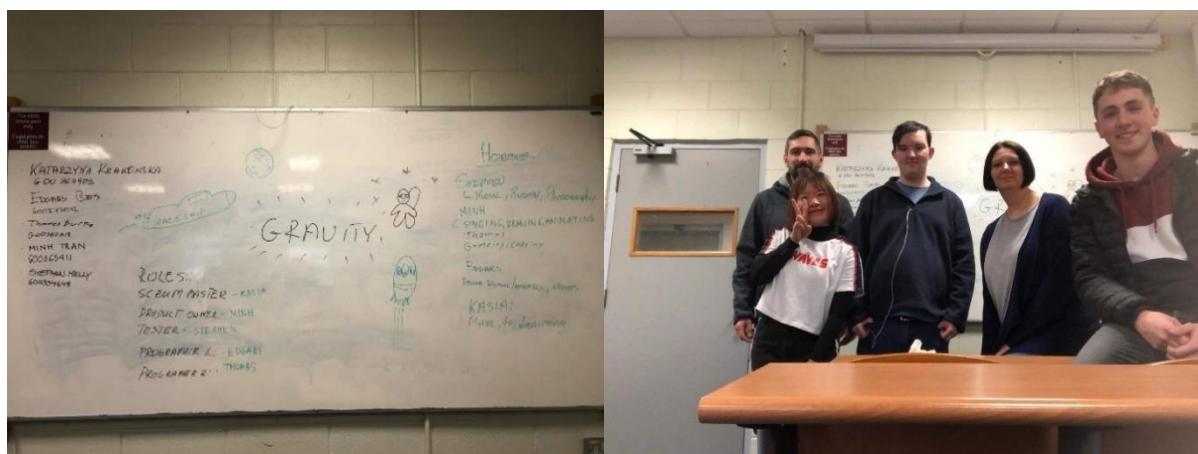
<sup>1</sup> PlanningPoker.com. 2020. *Planningpoker.Com - Estimates Made Easy. Sprints Made Simple..* [online] Available at: <<https://www.planningpoker.com/>> [Accessed 27 March 2020].

## 2. Assignment 1

### 2.1 Introduction

The purpose of first assignment was to create a team of five (Scrum Master, Product Owner, Tester, 2 x Software Engineers). The team than needed to submit a photo of the team, team name (based on a book or a sci-fi movie), team member names, student IDs, hobby and roles within the team as well as setup a GitHub for project and provide a GitHub project location.

#### ***Team Gravity***



### 2.2 Summary

This assignment was a great way to start working together as it gave the team opportunity to know each other better. The team agreed on the name “Gravity” (directed by Alfonso Cuarón; staring Sandra Bullock and George Clooney)<sup>2</sup>.

Since the roles in the team differed in terms of responsibilities and type of work, we decided to carry out a draw. Once roles were assigned, we wrote all the information on the white board and took a photo. Later, GitHub repository was set up.

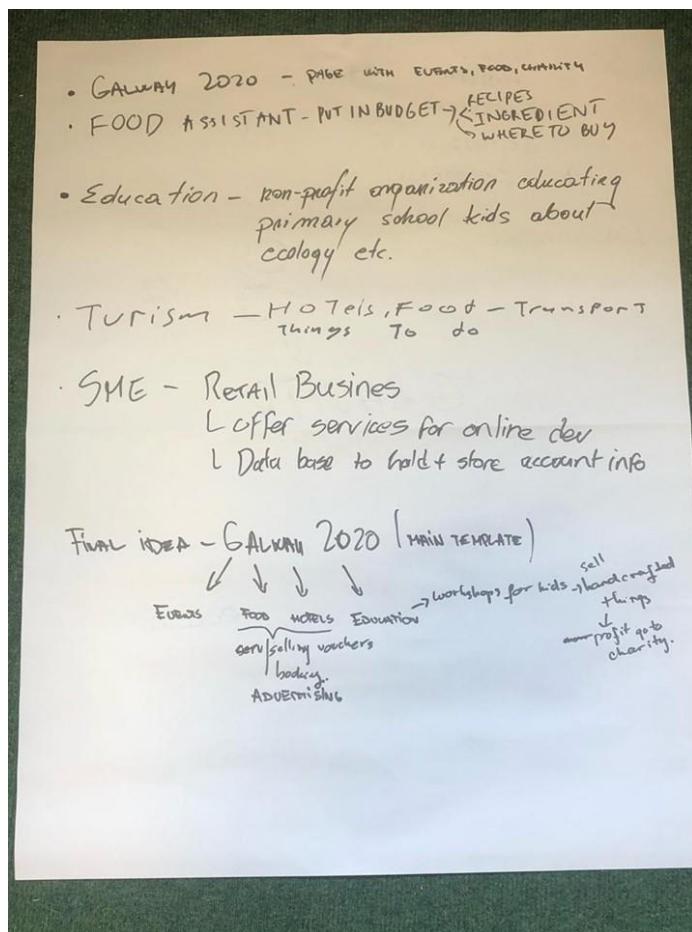
<sup>2</sup> Warnerbros.com. 2020. *Warnerbros.Com / Gravity / Movies*. [online] Available at: <<https://www.warnerbros.com/movies/gravity/>> [Accessed 26 March 2020].

### 3. Assignment 2

#### 3.1 Introduction

The purpose of the second assignment was to brainstorm ideas for the project. Each team member had to come up with idea. Once idea was selected, team had to create project Inception Deck using PowerPoint. The picture from project ideas brainstorming session, the project selected, and project Inception Deck, including team name, team members and IDs were part of submission.

#### 3.2 Project Ideas



### 3.3 Inception Deck

## The Agile Inception Deck

Team Gravity

Katarzyna Krakowska G00364903

Minh Tran G00365411

Edgars Becs G00377012

Stephen Melly G00334648

Thomas Burke G00362619



1

GALWAY 2020

Galway County Council



2

## Why are we here?

- To provide people with easy access to information
- To provide ideas about Galway 2020
- To create multipage website
- To increase awareness about environment
- To entertain

<#1 assist people with valuable and interesting information about Galway for them to have the most enjoyable time during Galway 2020 >



3

## The elevator pitch

- For [Galway 2020 event goers]
- who [want easy and quick access to information]
- the [Galway 2020]
- is a [multipage website]
- that [list events, hotels, restaurants and educate kids and adults about environment]
- Unlike [existing websites]
- our project [informs, helps, engage and educate].



4

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- our project [informs, helps, engage and educate].



4

## Product box

Galway 2020 website



\*Sky whale by Patricia Piccinini (Photo by Katarzyna Krakowska, Galway Art Festival 2015)

We will make your Galway 2020 adventure fun and hassle free."

<exciting>  
<innovative>  
<easy to use>



5

## The NOT list

IN	OUT
Advertising good places (eg. Restaurants, coffee, shops etc)	Accepting payments
Informative and educative articles	No politic opinions.
Workshops relating to sustainability, with all the goods can be sold in some activities, profits will go to a charity.	No live chats session.
Contacts will be provided for people with any other concerns, the methods are email, phone call or by post.	
Basic search tool	
UNRESOLVED	
User interface (whether should it be modern & sophisticated or simple, clear & conventional)	
Technologies and frameworks used.	

6

## Product box

**Galway 2020 website**



\*Sky whale by Patricia Piccinini (Photo by Katarzyna Krakowska, Galway Art Festival 2015)

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Basic search tool	
UNRESOLVED	
User Interface (whether should it be modern & sophisticated or simple, clear & conventional)	
Technologies and frameworks used.	

6

## Your project community

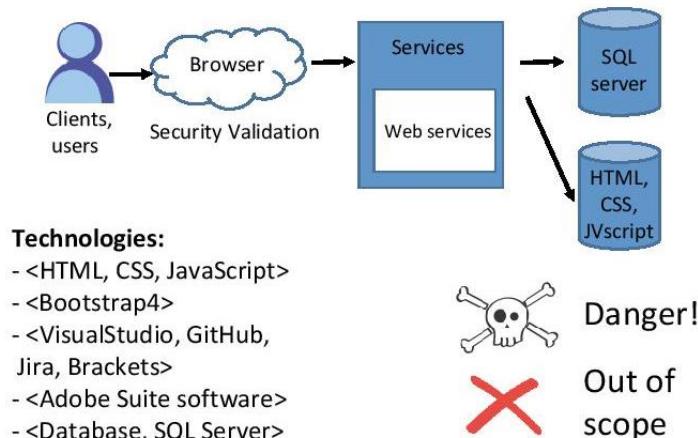


**... is always bigger than you think!**



7

## Technical solution



8

## What keeps us up at night

- missing deadline
- insufficient knowledge and expertise
- thinking too big and not being able to reach the goals
- cost



9

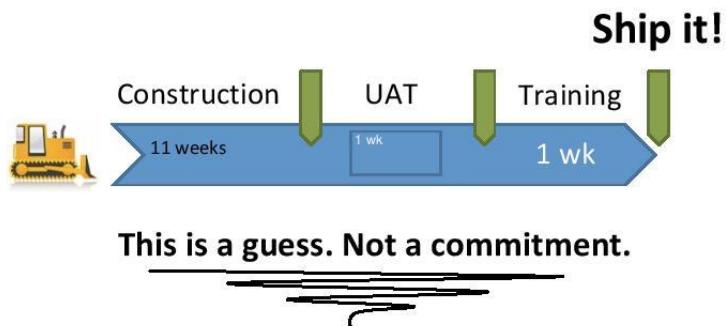
## The A-Team

#	Role	Competencies/Expectations
1	Scrum Master Katarzyna Krawkowska	"Facilitate" people in different areas. Help team to keep up with deadlines & project's backlogs. Participate in Stand-up Meetings.
2	Developers Tj Burke Edgars Becs	HTML, CSS, JavaScript, Java Unit testing, refactoring, TDD, continuous integration, pair-programming. Participate in Stand-up Meetings.
1	Product Owner Minh Tran	State user stories, describe the needs & requirements with Scrum Master and the team. Decide on budget, deadlines and the look of product. Participate in Stand-up Meetings.
1	Tester- Stephen Melly	Evaluate Alpha & Beta testing – test all the code after intergration process. Write test cases before coding process. Participate in Stand-up Meetings.



10

## How big is this thing?



11

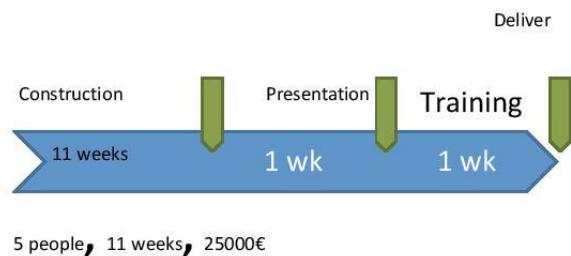
## Trade-off sliders

The classic four	
OFF	ON
Other important things	
OFF	ON

The table displays eight trade-off sliders, grouped into two sections: 'The classic four' and 'Other important things'. Each slider has an 'OFF' position on the left and an 'ON' position on the right. The 'classic four' section includes four sliders: 'Feature completeness (scope)', 'Stay within budget (budget)', 'Deliver project on time (time)', and 'High quality, low defects (quality)'. The 'other important things' section includes four more sliders: 'Ease of use', 'Don't make me think!', 'Detailed audits (log everything)', and 'Precise information'.

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## The first release



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### 3.4 Summary

Each team member came up with an idea for project. Katarzyna Krakowska's idea was to create website dedicated environmental education for primary school children. Minh Tran's idea was to create food assistant website with recipes and tool for budgeting grocery shopping. Edgars Becs decided to introduce the idea of Galway 2020 website. Stephen Melly selected SME website with online services. Thomas Burke chose tourism with hotel listening, transportation, etc. After discussing each idea individually, team decided to combine them all in one. The main theme would be Galway 2020, with pages dedicated to environment, hotels and restaurants and offers from local retailers.

Once, idea was selected, team created project's Inception Deck, to define scope, as well as to assure team is on the same page when it comes to project.

## 4. Assignment 3

### 4.1 Introduction

After launching the project and specifying which topic will we go with in assignment 2, Gravity team started to outline user stories associated to “Galway 2020” website. The agile’s Inception Deck gave us a clearer idea of the look of the web site as well as its requirements, which helped us to identify user stories with their “cards”, “communications” and “confirmations”.

Story sizing was the next factor the developing team kept in mind as it mattered a lot in estimating the team velocity, so after defining user stories, team had a meeting session to size the stories using **Planning Poker**. The process went well, and the tool helped us to calculate the average point for each story, and we all agreed on how they were graded.

Before releasing any plans, team needed to know what the Definition of and READY DONE is, so the Product Owner (Minh Tran) brought forward these definitions for team to understand the baseline, and Gravity team agreed on it.

Subsequently, Scrum Master (Katarzyna Krakowska) handed out the **Team Working Agreement** for members to reflect on. We chose six most important aspects a productive team should have, each of the Gravity members then expand the ideas of how the see the requirements. Project’s GitHub repository and Jira were then set up with relevant files.

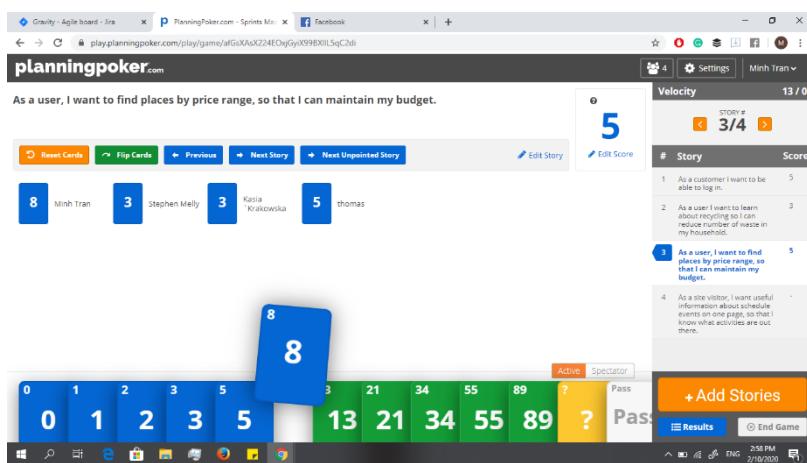
### 4.2 Main Body

#### 4.2.1 Features / User Story identification and creation.

User Story	Description
GRAV-1	As a customer I want to be able to log in.
GRAV-2	As a user I want to learn about recycling so I can reduce number of waste in my household.
GRAV-3	As a user I want to access schedule for kids workshops about environment.
GRAV-4	As a tourist, I want to be able to purchase vouchers of restaurants near Galway 2020's activities, so that I can enjoy m...
GRAV-5	As a product owner, I want to receive any feedback forms filled by visitors on web, so that I can get in touch with the...
GRAV-6	As a tourist, I want to be able to find location of places (restaurants, shops etc) on web, so that I won't get lost and s...
GRAV-7	As a user, I want to find places by price range, so that I can maintain my budget.
GRAV-8	As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out t...

Cards	Conversations, Communications	Confirmation, Corrections
① As a customer, I want to be able to log in.	Log in button on top of home page. - button for resetting password (if forgot) - Sign up button if not yet a member.	✓ Username is filled ✓ password is filled ✓ button is clicked ✓ verify ✓ Account is in database
② As a user, I want to learn about recycling so I can reduce number of waste in my household.	Page dedicated to education of environment.	✓ Link to info page of users click on page ✓ the button on nav bar ✓ Verify if button click ✓ Verify if page is there.
③ As a user, I want to find places by price range, so that I can maintain my budget.	Filter search options when looking for places - Get a price list.	✓ Verify if filter option works right ✓ Verify if info about business
④ As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.	Desktop design: Grid with 3 columns (row - with images & text, a button which links to external page). Phone design: Slideshow for activities, filter by months	✓ Verify if user click on external links ✓ Link them to subpages

#### 4.2.2 User Story sizing



PlanningPoker.com - Sprints Manager

As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

Reset Cards | Flip Cards | Previous | Next Unpointed Story | First Story | Edit Story

Velocity: 21 / 0 | Story #: 4 / 4

#	Story	Score
1	As a customer, I want to be able to log in.	5
2	As a user, I want to learn about recycling so I can reduce number of waste in my household.	3
3	As a user, I want to find places by price range, so that I can maintain my budget.	5
4	As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.	8

0 1 2 3 8 13 21 34 55 89 ? Pass

+ Add Stories | Results | End Game

PlanningPoker.com - Sprints Manager

As a customer I want to be able to log in.

Reset Cards | Flip Cards | Next Story | Next Unpointed Story | Edit Story

Velocity: 5 / 0 | Story #: 1 / 4

#	Story	Score
1	As a customer, I want to be able to log in.	5

0 1 2 3 8 13 21 34 55 89 ? Pass

+ Add Stories | Results | End Game

PlanningPoker.com - Sprints Manager

As a user I want to learn about recycling so I can reduce number of waste in my household.

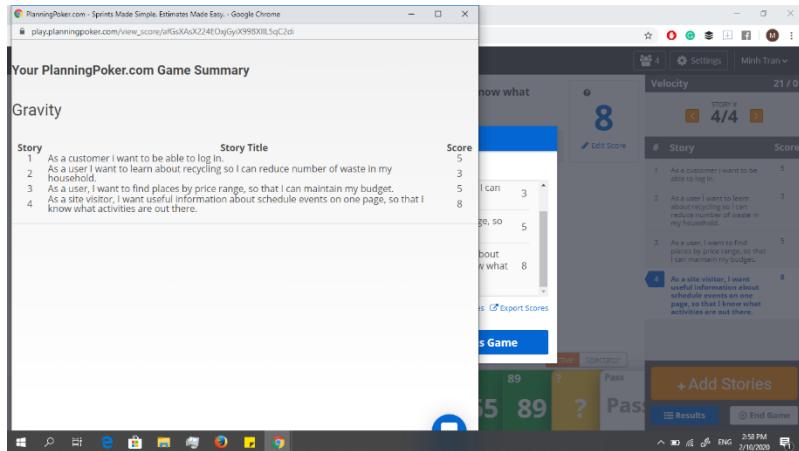
Reset Cards | Flip Cards | Previous | Next Story | Next Unpointed Story | Edit Story

Velocity: 8 / 0 | Story #: 2 / 4

#	Story	Score
1	As a customer, I want to be able to log in.	5
2	As a user, I want to learn about recycling so I can reduce number of waste in my household.	3

0 1 2 3 5 8 13 21 34 55 89 ? Pass

+ Add Stories | Results | End Game



### 4.2.3 User Story definitions of READY and DONE

*Definition of ready (before going into sprint):*

User stories must be completely described, sized and their test cases are already written.

Team must be able to specify what is each story's functionality, who benefits from it and its solution (what should we do to accomplish it).

*Definition of done:*

The story's solution is completely specified and integrated, with test cases included.

#### **4.2.4 Team Working Agreement**

We chose to include six points in our Team Working Agreement after discussing essential element of teamwork.

*Team agreement.*

1. Active participation.
2. Take part in Stand-up meetings and brainstorming sessions.
3. Follow deadlines.
4. Show respect.
5. Show initiative - don't wait for others to do the work.
6. Follow the process (steps).

*Teams argumentation for each point.*

*Minh Tran*

1. Active participation.

For everyone needs to take the initiative throughout the project's process, from contributing to the code, workloads or documentations to communicating with teams on agreed platform.

2. Take part in Stand-up meetings and brainstorming sessions.

As we will have stand-up meeting weekly to discuss and catch up with the state of process, everyone needs to join in and contribute to the meeting.

3. Follow deadlines.

We have specific works & documents need to be submitted weekly providing with the brief, so everyone in team must know what our submissions are every week.

4. Show respect.

Respect other works & time. If in the case there are different opinions, bring it on to the stand-up meeting to discuss in group. Actively take the lead in the project's work.

5. Show initiative - don't wait for others to do the work.

Tell teammates which you would like to do in the weekly submissions, don't wait for anyone to assign tasks.

6. Follow the process (steps).

Don't jump ahead work, follow the process which will ensure workflow, clarity and deadlines.

*Thomas Burke*

1. Active participation.

Having everyone actively work on the project has the team work much better than 2 out of the 4-team working.

2. Take part in Stand-up meetings and brainstorming sessions.

Better brainstorming and meetings.

3. Follow deadlines.

Having each member of team meeting their deadlines help the rest of the team as they aren't waiting on them or getting backlogged.

4. Show respect.

Others in the group must be respected as they may be off differing skill or opinion.

5. Show initiative - don't wait for others to do the work.

Be ready to do tasks, don't wait on other's, express what you would like to do.

6. Follow the process (steps).

Don't jump ahead and go do things that aren't to be done yet as they may change later in what's needed.

*Edgars Becs*

1. Active participation.

Actively express their views and issues at team meeting.

2. Take part in Stand-up meetings and brainstorming sessions.

Take part in every Team meeting, if can't attend get minutes of meeting to stay up to date with team progress. Be on time for meetings. Brainstorm in meetings and take notes of ideas.

3. Follow deadlines

Follow deadlines to help team to complete Sprints in time and increase productivity.

4. Show respect.

All team participants view to be respected and considered when making decisions (tech, support, Scrum Master, PO).

5. Show initiative - don't wait for others to do the work.

Show initiative when delegating tasks but don't intervene with someone's tasks assigned.

*Stephen Melly*

1. Active participation.

The group cannot function to fit's full extent if members do not participate. Doing so will ensure the project will get completed.

2. Take part in Stand-up meetings and brainstorming sessions.

Taking part in Stand up-meetings and brainstorming sessions allows the team to communicate ideas to each other and can also help clarify existing tasks or concepts.

3. Follow deadlines.

Deadlines are there for a reason if we miss a deadline suddenly, we are overdue with one submission with another just around the corner. Ensuring we have good time management and organisational skills will help us all as a team to achieve our deadlines.

4. Show respect.

Respecting everyone's work is important, in cases you may not agree with someone else's idea it is still important to show respect and mutually work to agree on a standard.

5. Show initiative - don't wait for others to do the work.

If there is a job to be done and the rest of the team is busy it's that team members job to pick up what need to be done and execute any necessary, task.

*Katarzyna Krakowska*

1. Active participation.

Team members should put the group's goals above their own. One person may not be able to implement the project with the same effect as the team. Working in a group will be more effective if everyone works together. It will also allow us to complete tasks faster.

2. Take part in Stand-up meetings and brainstorming sessions.

The meetings aim to summarize the work done as well as to set the goals necessary to complete the next stage. We are all responsible for the result and the opinion of each of us is very important.

3. Follow deadlines.

Team members are responsible for completing the tasks assigned to them in time.

4. Show respect.

It is important to respect the opinions and ideas of others and try to work out a compromise. Attitude like being unable to communicate with others, being closed to the team's ideas, believing that only his/her ideas are the best, are unhealthy, damaging and disruptive in teamwork.

5. Show initiative - don't wait for others to do the work.

While working in a group, we feel anonymous, so we can put less energy and commitment than if we worked alone. Teamwork allow us to exchange ideas, support each other, do everything for the whole team.

6. Follow the process (steps).

Project has specified steps that need to be completed one after another. Its important to follow those steps first to avoid missing deadlines.

#### 4.2.5 GitHub link

<https://github.com/234567812/Gravity---Team-Project>

### 4.3 Summary

During the process, team had some problems, mostly because members didn't understand clearly the definition of required artefacts and process that needed to be worked on. With team meeting sessions and own research work, individuals gradually participated more in project and that helped sketching out a better picture of "*Galway 2020*"'s project.

Team got to improve their skills to use GitHub more efficiently and learn how to use Jira for the first time and found it very useful for agile projects. As we were navigating through these sites, we found out more about their potential.

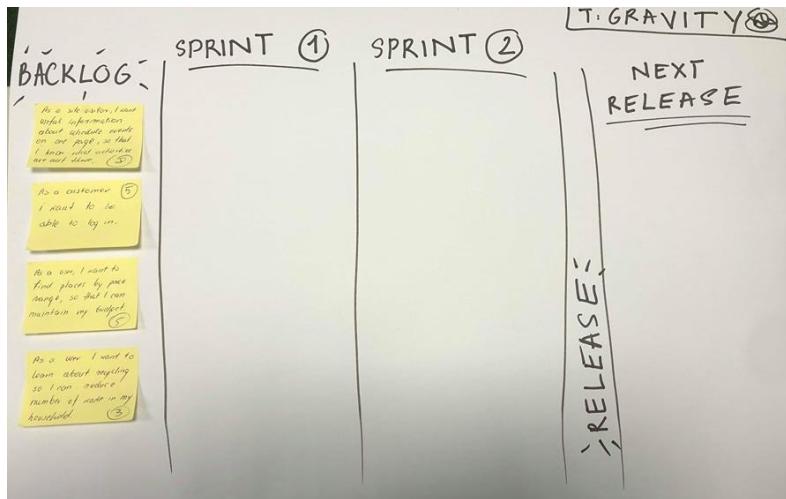
The team carried out assignment 3 successfully and had it delivered on time. All team members were crystal clear of their tasks and the vision of group's project in the end of submission 3.

## 5. Assignment 5a

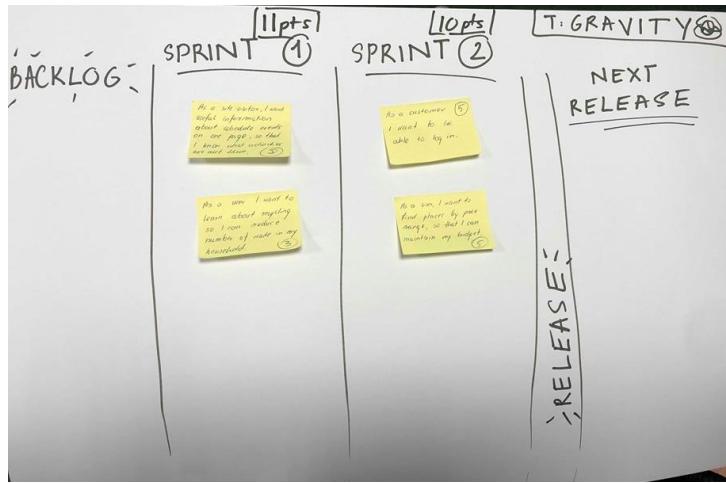
### 5.1 Introduction

After team agreement was made, stories were picked. A sprint planning meeting was set for 17/02/2020 to discuss what was needed for the sprint. The project owner Minh Tran set out 4 stories that would be done during this release. This was then split up into 2 stories for each sprint. The team calculated velocity to 11 points. A confidence vote was carried out we all agreed on the team velocity and tasks. A burn down chart was done up to illustrate the team velocity. Then each member took a task to do. Sprint goals were set to be make a fully functioning home page and environment page for galway2020, both will have easily readable content, media. Home page will have a calendar with Galway 2020 events. Jira was set up to have a burn down chart that would update every time a story would be created.

### 5.2 User story in release plan and size in story points



Img 1.1: Prioritize stories in this release



Img 1.2: Stories that have been put into sprints

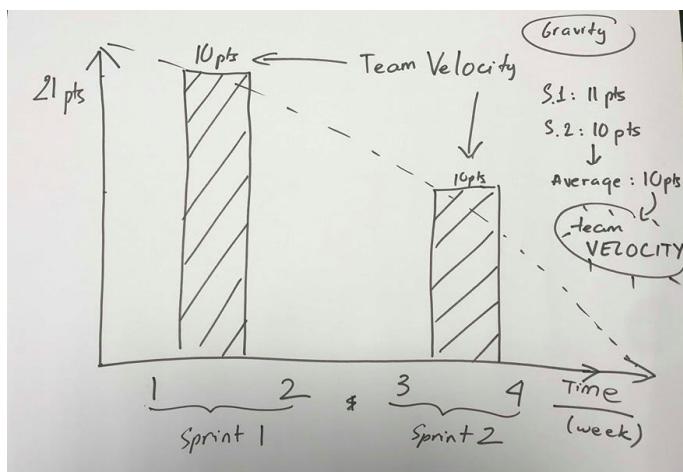
#### Sprint 1: (11 pts)

- As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there. – 8 pts
- As a user I want to learn about recycling so I can reduce number of wastes in my household. – 3 pts

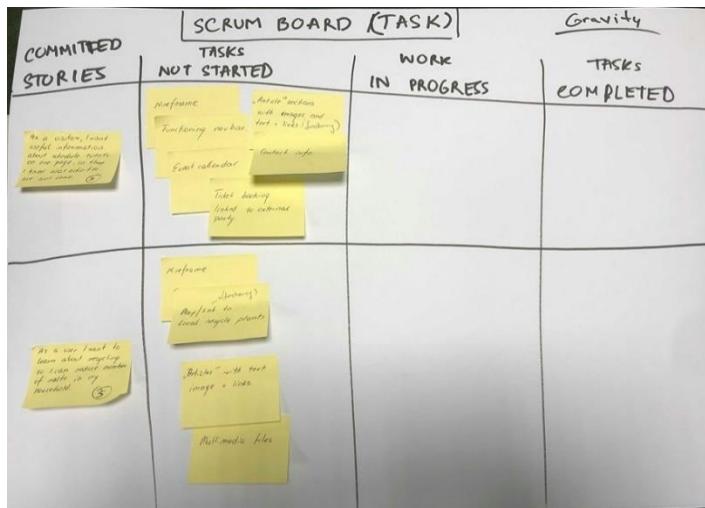
#### Sprint 2: (10 pts)

- As a customer i want to be able to log in. – 5 pts
- As a user, I want to find places by price range, so that I can maintain my budget. – 5 pts

### 5.3 Team velocity & Burn Down Chart



## 5.4 The release plan, the release plan confidence vote, plan details



Img 3.1 : Stories with associated break down tasks



Img 3.2: Stories with associated assigned tasks

Confidence vote: used One in five technique where 1 is confident about plan, 5 is not confident about plan. Team members vote 1 (each) which means they all are confident about project plan.

All team's members agreed with the release plan and are confident with the sprints.

## 5.5 Sprint plan meeting, resultant sprint plan and sprint goals

Sprint planning meeting: The team agreed to meet up on the first day off sprint 1 (17/02/2020) to discuss about release plan, prioritize user stories, team velocity, burn down chart, break down tasks and to carry out confidence vote.

- The Product Owner (Minh Tran) informed the team that prioritize stories that should be done during this release are:
  1. As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there – *8 pts*
  2. As a customer i want to be able to log in. - *5 pts*
  3. As a user, I want to find places by price range, so that I can maintain my budget. - *5 pts*
  4. As a user I want to learn about recycling so I can reduce number of wastes in my household. - *3 pts*
- As we have 21 points in total for the first release, the team decided on having approximately 10 points for each sprint. We assigned 11 points for the first sprint and 10 points for second sprint (see session 1 for explanation).
- The team calculated *team velocity* based on the average points associated to each sprint – our *team velocity is 10 points*.
- Burn down chart is illustrated on paper in term of sprint, half the work will be done after the first sprint.
- Scrum board was taken into consideration in this next step, after identifying committed stories for this sprint 1, which are story 1 & story 4, we broke them down into smaller tasks that need to be completed for the stories to reach our *definition of DONE*.
- The next step is to carry out a release plan confidence vote - as the technique is described above - after the count, all team members showed up their thumbs (1), which means everyone is confident about the plan.

- Subsequently, team members picked their own task to work on, as it is shown in *image 3.2*.
- The team agreed on the sprint goals which is depicted below.

Resultant of sprint planning is teams forecast what can be delivered in the upcoming Sprint. Two stories were chosen for Sprint Backlog based on estimated team velocity, and then broken into tasks using Scrum Board. Each team member selected task to complete.

#### Sprint Goals:

“The Sprint Goal is an objective set for the Sprint that can be met through the implementation of Product Backlog. Sprint goals are the result of a negotiation between the Product Owner and the Development Team. Sprint Goals should be specific and measurable. While the selected work for the Sprint Backlog represents a forecast, the Development Team gives their commitment to achieving the Sprint Goal.”<sup>3</sup> (Scrum.org, 2020)

Sprint name \*

Start date \*

2020/02/17
7:14pm
Calendar icon

End date \*

2020/02/28
7:14pm
Calendar icon

Sprint goal

The sprint goal is to create a fully functioning home page and environment page for Galway 2020. Both will have clear, easily readable content including text, images, multimedia files, and functioning links. The home page will have calendar with Galway 2020 events.

---

<sup>3</sup> Scrum.org. (2020). *The 11 Advantages of Using a Sprint Goal*. [online] Available at: <https://www.scrum.org/resources/blog/11-advantages-using-sprint-goal> [Accessed 19 Feb. 2020].

## 5.6 User stories and tasks associates using Jira

GRAV-8 As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

GRAV-9 Wire Frame

G

GRAV-10 Nav Bar

EB

GRAV-11 Event Calendar

TB

GRAV-14 Article Section with images and Text/Links

G

GRAV-16 Article Section

KK

GRAV-18 Nav Bar

EB

GRAV-12 Ticket Booking

GRAV-2 As a user I want to learn about recycling so I can reduce number of waste in my household.

GRAV-17 Media Content

GRAV-19 Functioning Links

## 5.7 Artefacts

Projects / Gravity / Reports

### Sprint burndown chart

➤ How to read this report



**Backlog**

Q	EB	G	TB	G	KK	+	Type	▼
<input checked="" type="checkbox"/>	GRAV-8 As a site visitor, I want useful information about schedule events on one page, so that I know what activities are ...					8		
<input checked="" type="checkbox"/>	GRAV-9 Wire Frame					G		
<input checked="" type="checkbox"/>	GRAV-10 Nav Bar				2	EB		
<input checked="" type="checkbox"/>	GRAV-11 Event Calendar					TB		
<input checked="" type="checkbox"/>	GRAV-14 Article Section with images and Text/Links					G		
<input checked="" type="checkbox"/>	GRAV-16 Article Section					KK		
<input checked="" type="checkbox"/>	GRAV-18 Nav Bar					EB		
<input checked="" type="checkbox"/>	GRAV-12 Ticket Booking							
<input checked="" type="checkbox"/>	GRAV-2 As a user I want to learn about recycling so I can reduce number of waste in my household.					3		
<input checked="" type="checkbox"/>	GRAV-17 Media Content							
<input checked="" type="checkbox"/>	GRAV-19 Functioning Links							

Artifacts produced:

- Sprint backlog was created, and Stories/Tasks added to it. Stories were sized according to team Velocity.
- Burndown chart was created using Jira inbuilt report section. To achieve this, Story points had to be allocated for each story. Burndown chart will update every time the Story has been completed and help team to see will Sprint be done on time and any Story points left for next sprint and help to size Stories for next sprint.

## 5.8 Summary

During this we didn't have many issue's, we all agreed on confidence vote and happy with the story's chosen and the split up of tasks. We did have some issues set up burn down chart in Jira as we weren't too sure how it is done. We got some experience using Jira on setting the stories and tasks.

## 6. Assignment 5b

### 6.1 Introduction

After last Scrum Meeting, team members started working on assigned tasks, but first Wireframes were created that would allow to follow plan set out for all team members. Team Velocity was set to 11 points initially with 2 Stories (10 tasks). Goal was to create functioning Navigation bar that would link to various pages with more information on hotels, restaurants, events and local recycling points. All pages would consist of articles with text and multimedia files. Custom calendar would be included in Home page where customer can pick the date, that would redirect them to corresponding event on Events page. Test cases also will be created to make sure that all Stories are done correctly.

### 6.2 During sprint 1:

- Scrum board updated at Daily Stand-up meeting

COMMITTED STORIES	SCRUM BOARD (TASK)			<u>Gravity</u>
	TASKS NOT STARTED	WORK IN PROGRESS	TASKS COMPLETED	
As a customer I want useful information about individual towns and cities and their recycling points so that I can make informed decisions about my purchases.	<ul style="list-style-type: none"> <li>perfume</li> <li>functioning website</li> <li>Front calendar</li> <li>Test during break in between party</li> </ul>	<ul style="list-style-type: none"> <li>“Avata” sections with images and short video (links)</li> <li>Contact info</li> </ul>		
As a user I want to know about my recycling points of waste in my household.	<ul style="list-style-type: none"> <li>perfume</li> <li>“Avata”</li> <li>Applies to local recycle points</li> <li>“Avata” -&gt; test images + links</li> <li>multimedia files</li> </ul>			

Img 1.a1. Stories with associated break down tasks - 17/02/2020



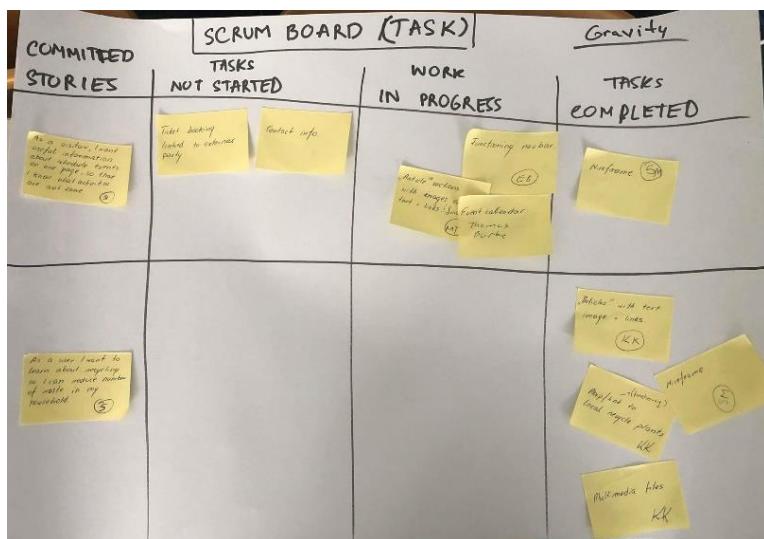
Img 1.a2: Stories with associated assigned tasks - 17/02/2020



Img 1.a3. Updated Scrum Board - 18/02/2020



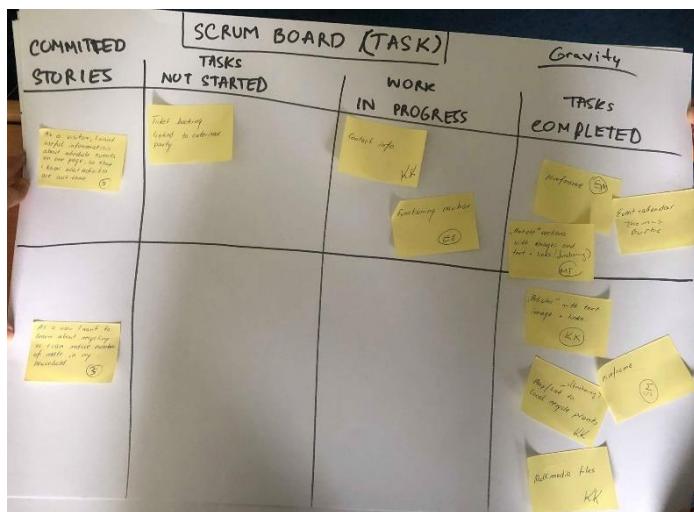
Img 1.a4. Updated Scrum Board - 19/02/2020



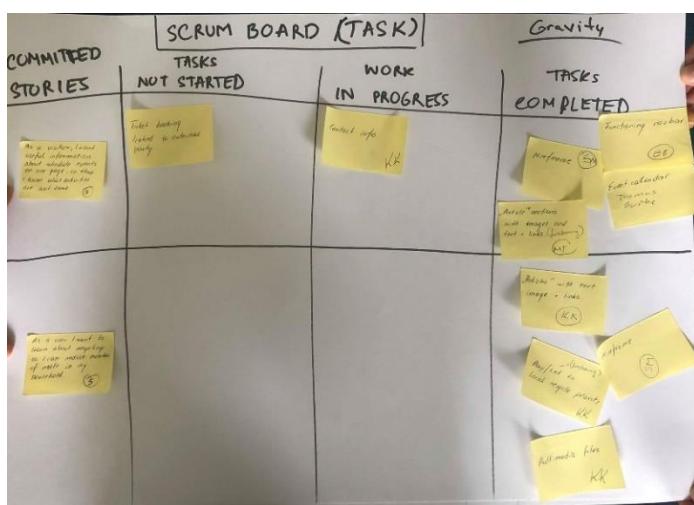
Img 1.a5. Updated Scrum Board - 20/02/2020



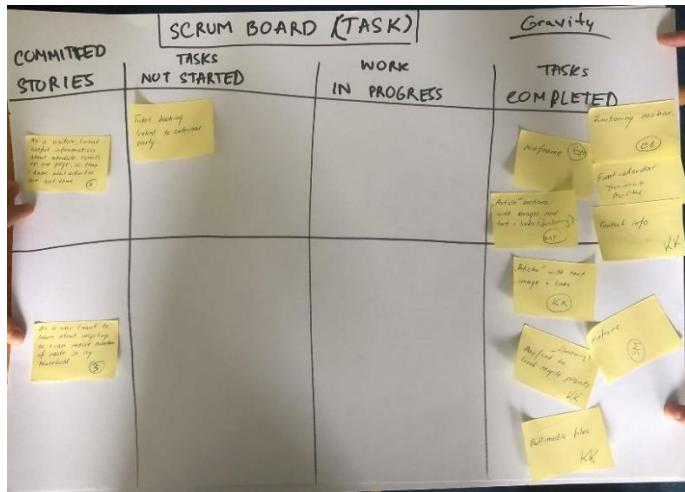
Img 1.a6. Updated Scrum Board - 21/02/2020



Img 1.a7. Updated Scrum Board - 23/02/2020



Img 1.a8. Updated Scrum Board - 25/02/2020



## Sprint burndown chart

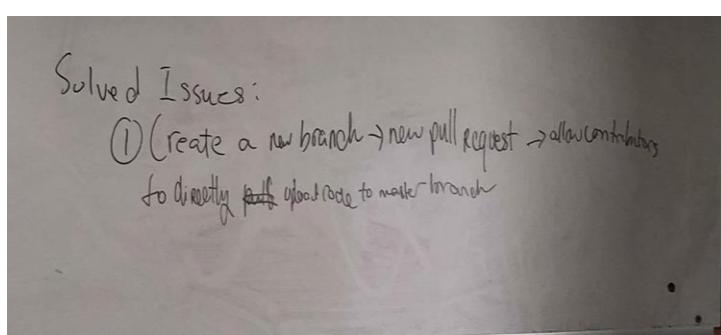
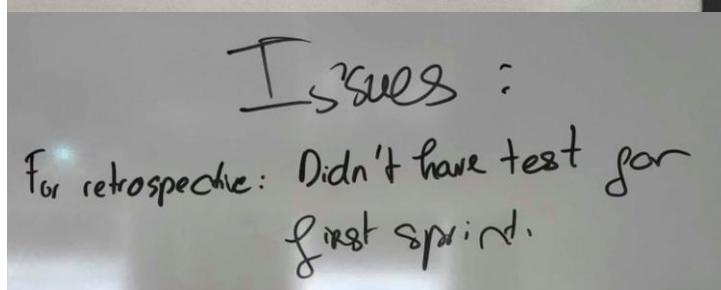
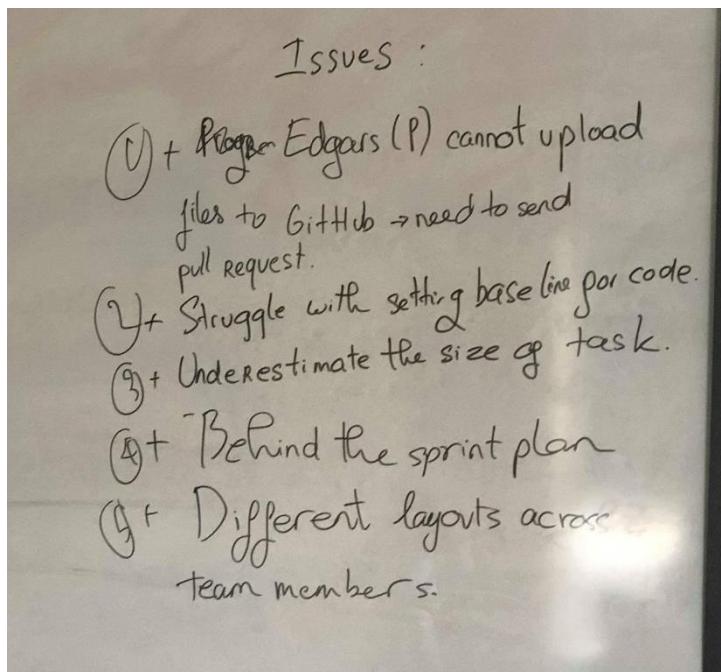
[How to read this report](#)

Img 1.b2. Sprint Burn Down Chart on Jira – 18/02/2020

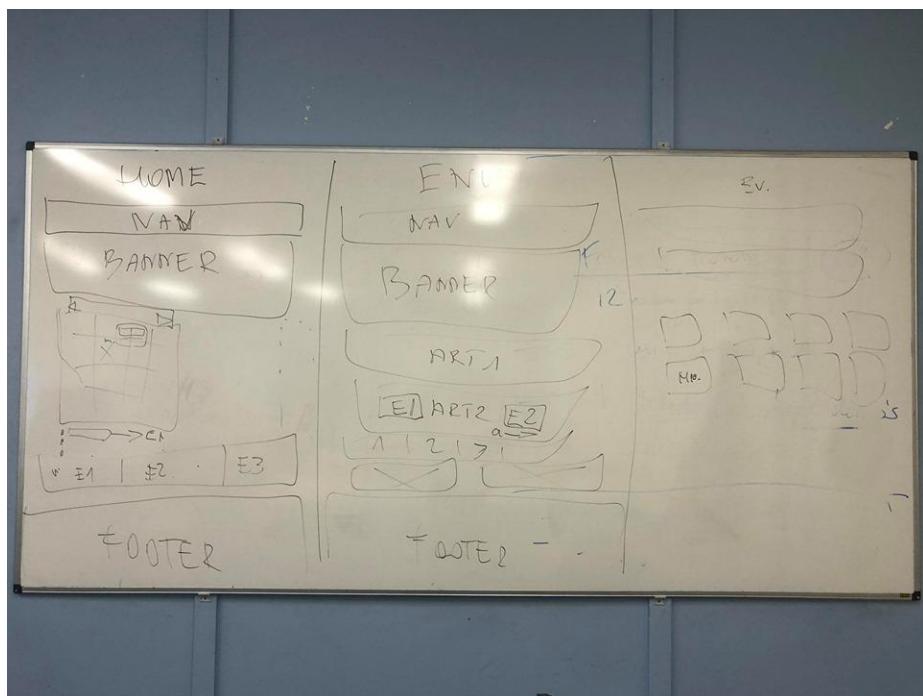
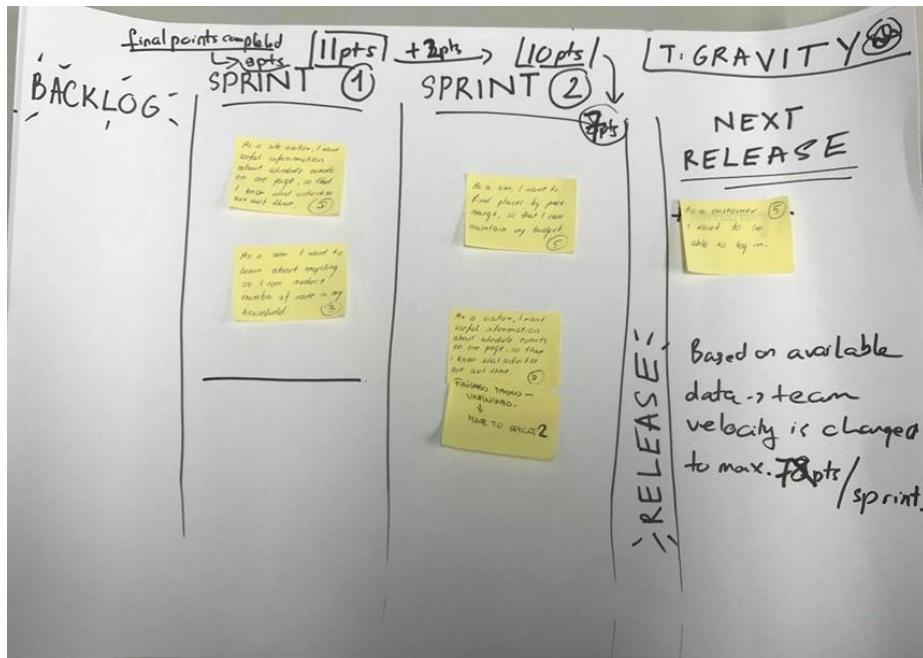
c. Changes in plan during the first sprint:

No changes during first sprint.

d. Issues and associated actions, captured during daily stand-ups:



- e. Evidence of having a sprint refinement meeting to prepare for the next sprint:



f. Evidence of rigorous story testing:

StephenMelly Create TestCases 599cc29 2 days ago

1 contributor

22 lines (19 sloc) | 1.04 KB

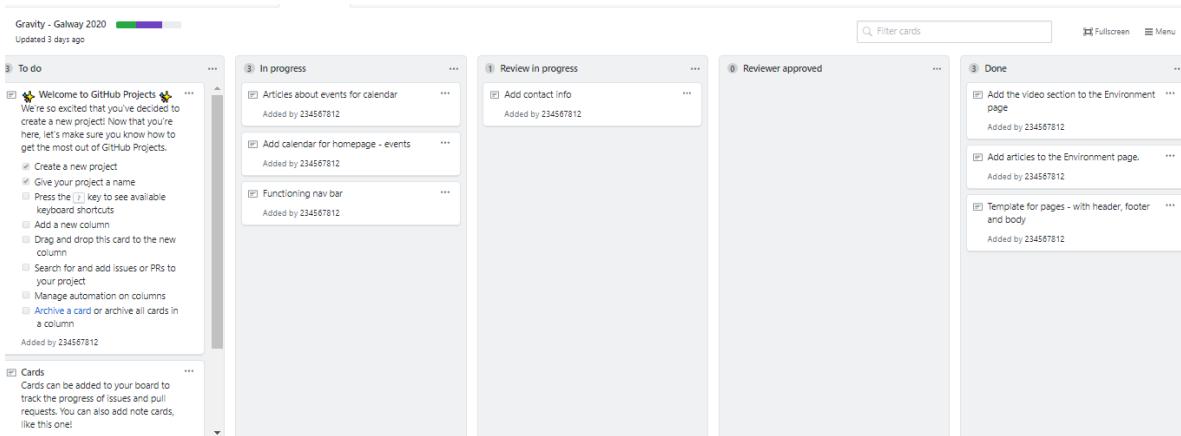
Raw Blame History

```

1 Calendar Test
2 When I Access the Calendar Can I see a visual representation of what dates have events scheduled.
3 When I click on an event does it show me more information regarding the event?
4 Are different categories represented by different colours?
5 Can I navigate back to the home page from the calendar page?
6 Can I navigate to the contact page if I have any queries regarding events?
7 Are margins and padding set correctly and all elements looking professional?
8
9
10 Environment
11 Can I access this page from the home page successfully
12 Can I get the information I'm searching for on this page in relation to the environment?
13 Are margins and padding set correctly and all elements look professional?
14 Can I play embed videos?
15 Do the maps work and represent the location of companies working to better the environment?
16 Is there contact information?
17 Can I navigate back to the home page?
18
19 Home page/Index
20 Does the nav bar work for all links?(home, contact, environment)
21 Can I see the calendar?
22 Are margins and padding set correctly and all elements looking professional?

```

g. Evidence in GitHub of code reviews and code inspections by all development team members:



The screenshot shows a Scrum Board with four columns: 'In progress', 'Review in progress', 'Reviewer approved', and 'Done'. The 'Done' column contains five cards:

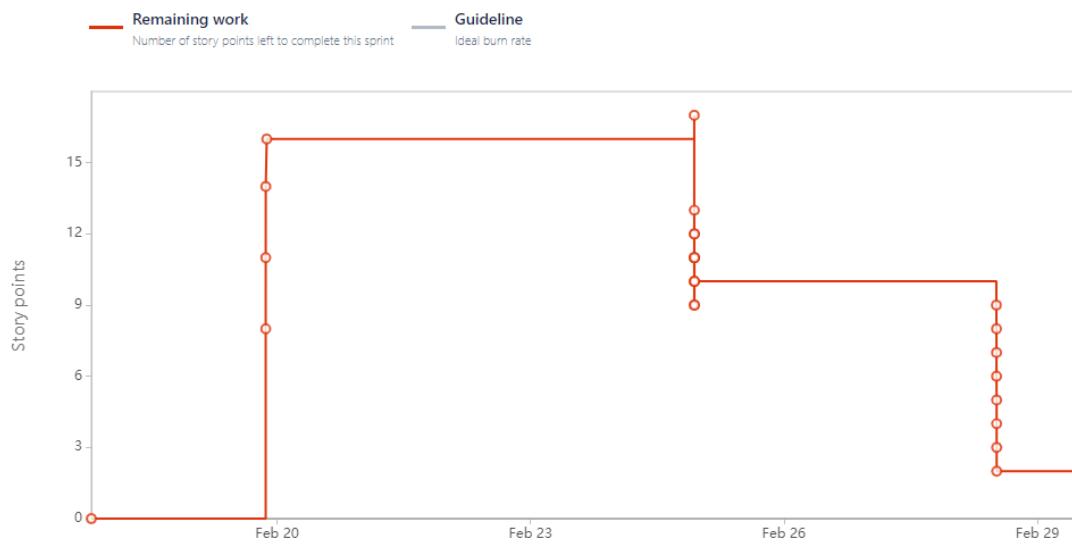
- Add calendar for homepage - events (Added by 234567812)
- Articles about events for calendar (Added by 234567812)
- Add the video section to the Environment page (Added by 234567812)
- Add articles to the Environment page. (Added by 234567812)
- Add contact info (Added by 234567812)
- Template for pages - with header, footer ... and body (Added by 234567812)
- Functioning nav bar (Added by 234567812)

## 6.3 End of Sprint 1

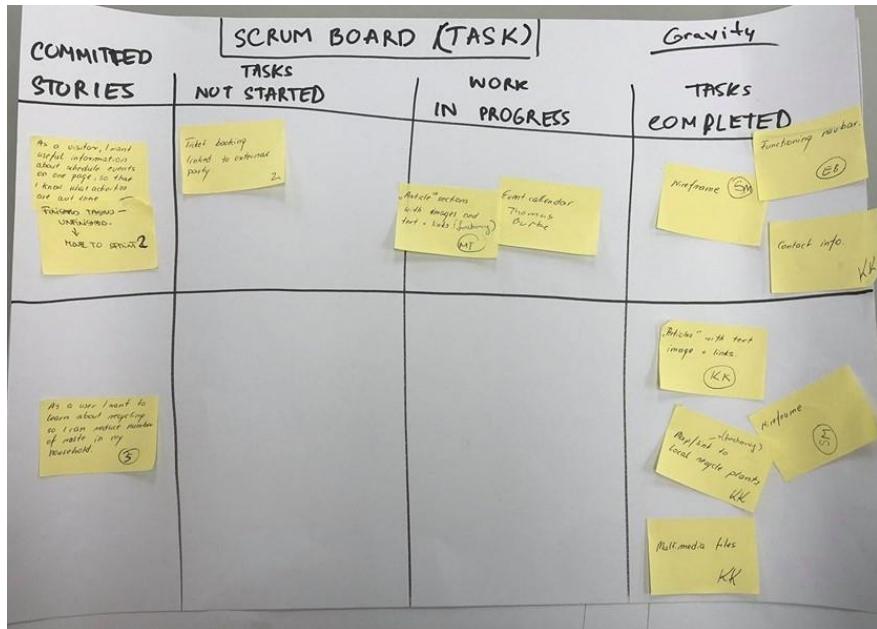
- The end of sprint burndown chart and end SCRUM Board snapshots.

### Sprint burndown chart

[How to read this report](#)



Img 2.a1. Sprint Burn Down Chart on Jira – 28/02/2020



Img 2.a2. Scrum Board – end first Sprint – 28/02/2020

- b.** The video recording of the sprint demo/review

[This is YouTube link to Sprint Demo meeting video.](#)

- c.** The status of user stories completed in the sprint as per the definition of DONE and user stories rejected and reasons why.

User story 1: As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

Story is not fully completed, there are remaining tasks to be completed in sprint 2.

Status: On-going, not done

*Definition of done: the story's solution is completely specified and integrated, with test cases included.*

- a. Task 1: Wireframes
- b. Task 2: Functioning navigation bar
- c. Task 3: Article sections with texts & images
- d. Task 4: Events calendar
- e. Task 5: Contact information

When I Access the Calendar Can I see a visual representation of what dates have events scheduled.	No, test failed. Calendar is not working properly.
When I click on an event does it show me more information regarding the event?	No, test failed. Calendar is not working properly.
Are different categories represented by different colours?	No.
Can I navigate to the contact page if I have any queries regarding events?	No.
Are margins and padding set correctly and all elements looking professional?	Yes.

#### f. Task 6: Ticket booking

User story 1: As a user I want to learn about recycling so I can reduce number of waste in my household.

Status: DONE

*Definition of done: the story's solution is completely specified and integrated, with test cases included.*

1. Task 1: Wireframes
2. Task 2: Articles with texts & images
3. Task 3: Multimedia files
4. Task 4: Link to local recycle places

The development team has a functioning environment page with multimedia and working links that link to relevant events.

Test cases:

Can I access this page from the home page successfully?	Yes, links are working properly.
Can I get the information I am searching for on this page in relation to the environment?	Yes, page is only about environment.
Are margins and padding set correctly and all elements look professional?	Yes.
Can I play embed videos?	Yes, 3 embedded videos are working well
Do the maps work and represent the location of companies working to better the environment?	Yes, links are working.
Is there contact information?	Yes, on footer.
Can I navigate back to the home page?	Yes.

d. For each user story, the list of tasks, the final task status, and task owners.

User story 1: As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

Task 1: Wireframes – DONE – Stephen Melly (Tester)

Task 2: Functioning navigation bar - DONE – Edgars Becs (Programmer)

Task 3: Article sections with texts & images - DONE – Minh Tran (Product Owner)

Task 4: Events calendar – IN PROGRESS – Thomas Burke (Programmer)

Task 5: Contact information - DONE – Katarzyna Krakowska (Scrum Master)

Task 6: Ticket booking - TO DO – not yet assigned

User story 2: As a user I want to learn about recycling so I can reduce number of wastes in my household.

Task 1: Wireframes - DONE - Stephen Melly (Tester)

Task 2: Articles with texts & images - DONE – Katarzyna Krakowska (Scrum Master)

Task 3: Multimedia files - DONE – Katarzyna Krakowska (Scrum Master)

Task 4: Link to local recycle places - DONE – Katarzyna Krakowska (Scrum Master)

- e. Evidence of having an impartial sprint retrospective meeting, the input and outputs of the sprint retrospective meeting with evidence of impartial/anonymous brainstorming and a description of how the retrospective meeting was conducted.

For the purpose of this task, team used Google Forms. Anonymous survey was created and distributed among team members.

<p>What went well in first sprint?</p> <p>5 câu trả lời</p> <p>Planning was done very well, stories were well prepared. All team members participated in initial phase of Project.</p> <p>I believe preparation for first sprint was efficient and well organized. Team members actively participated in creating backlog, sprint board, selecting stories for sprint.</p> <p>we got most tasks done</p> <p>Planning</p> <p>In the first sprint, we had a good plan for release plan and the discussing process went pretty well. Some members of the team really collaborated during sprint and was trying to carry out the sprint very effectively</p>
--

What went wrong in first sprint?

5 câu trả lời

Mainly miscommunication and Sprint Goal not clear to all team members, everyone had different ideas about goal.

1. The group overestimated team velocity, which resulted in unfinished tasks.
2. Team members misunderstood what tasks are about and as a result final product didn't have the needed functionality.
3. Team members spending too much time on one task (over a week).
4. Not sufficient communication during sprint.
5. Team members overestimating own abilities and knowledge while working on tasks.
6. Team members missing stand up meetings and brainstorming sessions.
7. Software issues - GitHub was set up wrong what resulted in some members of the team not having full access which in a long run delayed work. Issue is now resolved by creating new repository.
8. Insufficient testing what resulted in finding issues at the end of the sprint.

github

Nothing major

There were misunderstandings & miscommunications during the sprint, some members of team didn't actually understand the task. The team underestimated team velocity, putting a lot pressures on team members, and we cannot achieve our goals. There were issues with softwares which slowed down the progress.

What can we improve in next sprint?

5 câu trả lời

Better preparation for sprint and use of Collaboration software and use of Text Editors for ease of displaying code.

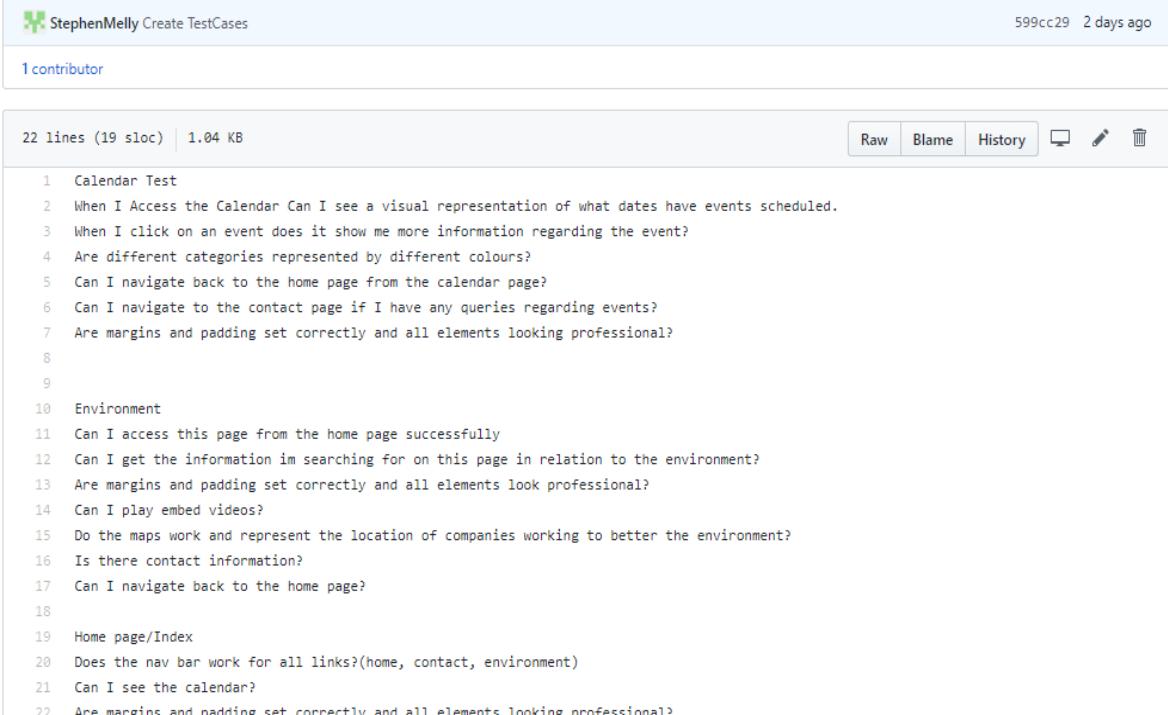
1. Better communication during sprint.
2. Making sure we understand what is involved in task (what is the expected result).
3. Every team member NEED to take active part in sprint stand up meeting.
4. Team members need to communicate any issues with tasks, and ask for help if necessary.
5. Tests need to be perform more frequently.

organisation

Punctuality

We have to carry out the confidence vote again on tasks, and estimate team velocity again. Tasks & user stories need to be clearly defined and team members have to agree to each other. Members need to take the initiative in sprinting more.

- f. Story test Plans, test scripts and test script results and list any automated tests and what tool you used.



The screenshot shows a GitHub pull request interface. At the top, it displays the author's name, "StephenMelly", and the title of the pull request, "Create TestCases". It also shows the commit hash, "599cc29", and the time since the commit, "2 days ago". Below this, it indicates "1 contributor". The main content area contains a list of 22 numbered test cases. The first few cases relate to a "Calendar Test", while others cover "Environment", "Home page/Index", and "Does the nav bar work for all links?(home, contact, environment)". A toolbar at the top right provides options for "Raw", "Blame", "History", and other actions.

```
1 Calendar Test
2 When I Access the Calendar Can I see a visual representation of what dates have events scheduled.
3 When I click on an event does it show me more information regarding the event?
4 Are different categories represented by different colours?
5 Can I navigate back to the home page from the calendar page?
6 Can I navigate to the contact page if I have any queries regarding events?
7 Are margins and padding set correctly and all elements looking professional?
8
9
10 Environment
11 Can I access this page from the home page successfully
12 Can I get the information im searching for on this page in relation to the environment?
13 Are margins and padding set correctly and all elements look professional?
14 Can I play embed videos?
15 Do the maps work and represent the location of companies working to better the environment?
16 Is there contact information?
17 Can I navigate back to the home page?
18
19 Home page/Index
20 Does the nav bar work for all links?(home, contact, environment)
21 Can I see the calendar?
22 Are margins and padding set correctly and all elements looking professional?
```

- g. Code baseline before sprint begins and after the sprint has finished.

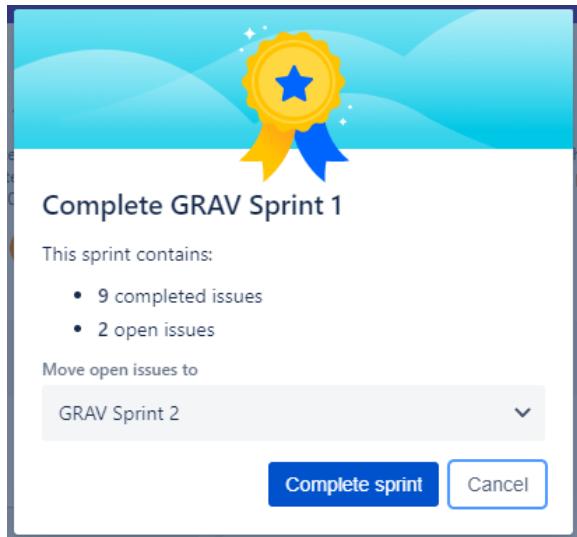
<https://github.com/234567812/Gravity---Team-Project>

**h. Show evidence of code by the team members.**

Calendar.css	Verified		221f798	
thomasburke121 committed 3 days ago				
Add files via upload	Verified		coba021	
thomasburke121 committed 3 days ago				
Update environment.html	Verified		e9efdfb	
234567812 committed 3 days ago				
Update environment.html	Verified		21b0e2a	
234567812 committed 3 days ago				
Update environment.html	Verified		964be27	
234567812 committed 3 days ago				
Create test	Verified		c2b05a1	
234567812 committed 3 days ago				
Create test	Verified		643ad2c	
234567812 committed 3 days ago				
Rename environment - copy.html to environment.html	Verified		e4ec775	
234567812 committed 3 days ago				
Add files via upload	Verified		e6d3e9f	
234567812 committed 3 days ago				
Rename index - Copy.html to index.html	Verified		fb75c15	
234567812 committed 3 days ago				
Add files via upload	Verified		05be8b5	
234567812 committed 3 days ago				
Create Test	Verified		a042643	
234567812 committed 3 days ago				
Update environment.html	Verified		05849c6	
edzaans-git committed 2 days ago				
Add files via upload	Verified		09c306d	
edzaans-git committed 2 days ago				
Add files via upload	Verified		753c0e6	
edzaans-git committed 2 days ago				
Update index.html	Verified		4cbe0eb	
edzaans-git committed 2 days ago				
Create TestCases	Verified		599cc29	
StephenMelly committed 2 days ago				
Commits on Feb 28, 2020				
Update index.html	Verified		3852f14	
234567812 committed 3 days ago				
Update environment.html	Verified		6cdabf6	
234567812 committed 3 days ago				
Update environment.html	Verified		f17f929	
234567812 committed 3 days ago				
Update index.html	Verified		840df31	
234567812 committed 3 days ago				
Updated calendar page	Verified		a726b77	
thomasburke121 committed 3 days ago				
Old file	Verified		bb14541	
thomasburke121 committed 3 days ago				

History for Gravity---Team-Project / Galway 2020

Commits on Feb 29, 2020	
Update index.html	Verified  db0df0d
Update environment.html	Verified  8904f8d
Update index.html	Verified  323729c



- i. All documentation, document revisions, document reviews by the team, related to the project, stored in GitHub, including release plan(s), release burn down(s), sprint plan(s), Scrum board snapshots, sprint burndown chart snapshots, product backlog, team photo, inception deck, test plans, tests scripts, test results, DOD, DOR, Team working agreement, risks, brainstorming sessions, stories, etc...

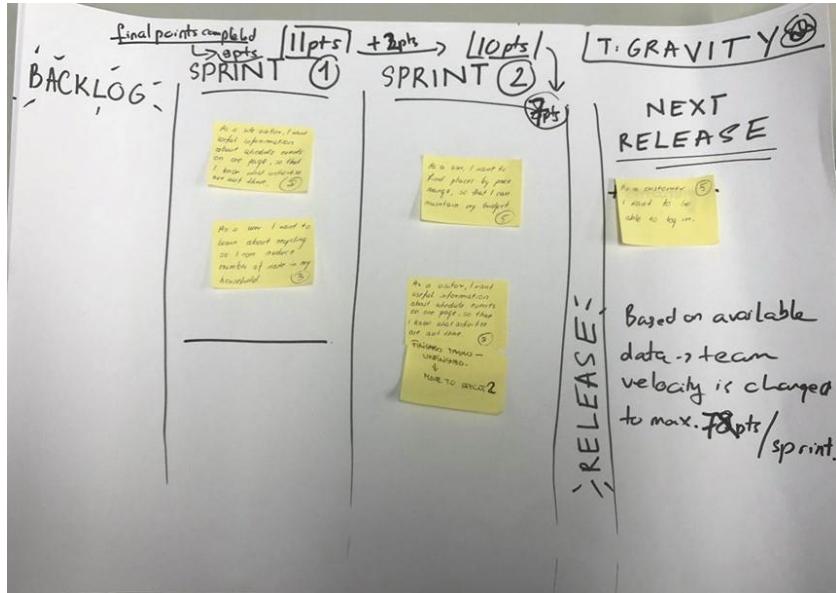
This is the link to GitHub repository.

This is the link to Jira Project.

This is the link to TEAMS.

## 6.4 Sprint 2 planning:

- a. A revised Release plan and an updated Release Burndown chart updated at end of sprint 1.

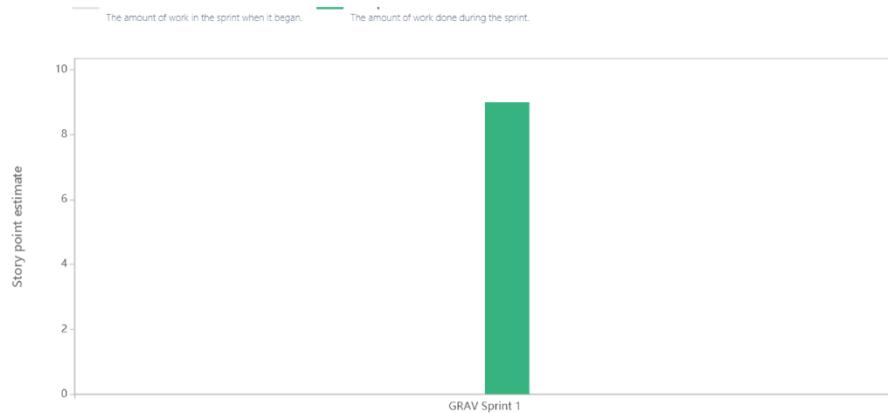


Img 3.a1. Sprint Release Plan – 02/03/2020

- b. The revised team velocity and how it was calculated

Reference to Img 3.a1: The team velocity is now 7 points/sprint. Because after the first sprint, the team couldn't complete all associated tasks, only up to 9 points were completed out of 11 points.

We have 5 points in next sprint (as we agreed to only work on one new story in second sprint rather than 2 stories, which were agreed in the first release plan), with 9 points completed during first sprint, so we agreed on the average of 7 points per sprint for team velocity.



- c. Brought forward corrective stories from the retrospective at the end of sprint 1.

#### Quantitative review

1. Stories delivered – 1
2. Team velocity – team velocity needs to be reduced for second sprint.
3. Sprint goals were not achieved

#### Qualitative review

1. Team needs to improve communication during second sprint
2. Moving forward, stories with large number of points should be broken down to smaller stories.

#### **6.5 Before sprint 2 begins:**

- a. Description of the sprint planning meeting, the resultant sprint plan, the confidence vote, the sprint goals(s), the sprint risks.

Sprint planning meeting: The team agreed to meet up on the first day off sprint 2 (02/03/2020) to discuss about changing the release plan, working on remaining tasks, re-estimate the team velocity, burn down chart, break down tasks and to carry out confidence vote.

- As we have remaining tasks, team need to have it done in this second sprint, which are:

Task 4: Events calendar – IN PROGRESS – Thomas Burke (Programmer)

Task 6: Ticket booking - TO DO – not yet assigned

- After the retrospective, team knows that we were underestimate team velocity, so it is now decreased to 7 points per sprint. Because of that, one story has been moved to the next sprint.
- The second sprint is released with:

User story 1: As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there – *2 points remaining*

User story 3: As a user, I want to find places by price range, so that I can maintain my budget.  
- *5 pts*

- Scrum board is taken into consideration in this next step, after identifying committed stories for this sprint 2, we broke them down into smaller tasks that need to be completed for the stories to reach our *definition of DONE*.
- The next step is to carry out a release plan confidence vote - as the technique is described above - after the count, all team members showed up their thumbs (1), which means everyone is confident about the plan.
- Subsequently, team members picked their own task to work on, as it is shown in *image 5.b1*.
- The team agreed on the sprint goals which is stated below.

Resultant of sprint planning is teams forecast what can be delivered in the upcoming Sprint. Two stories were chosen for Sprint Backlog based on estimated team velocity, and then broken into tasks using Scrum Board. Each team member selected task to complete.

Confidence vote: used One in five technique where 1 is confident about plan, 5 is not confident about plan. Team members vote 1 (each) which means they all are confident about project plan.

All team's members agreed with the release plan and are confident with the sprints.

Sprint goals:

Sprint goal

The goal sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.

Sprint risks:

- Overestimating team velocity
- Software issues
- Miscommunication
- Misunderstanding tasks
- Not attending in daily stand-up meeting & brainstorming session
- Insufficient knowledge & expertise

b. The sprint stories, associated tasks, task status and task owners in Jira or equivalent.

Story: As a user I want to find places by price range, so that I can maintain my budget.

Status: To Do

Owner: NA

Tasks

1. Create a list of restaurants & hotels in alphabetical order
  - i. Task owner – Edgars Becs
  - ii. Status – in progress
2. User selector with min and max price range

**Story:** As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

**Status:** To Do

**Owner:** NA

**Tasks**

1. Ticket Booking
2. Event calendar

Projects / Gravity

## Backlog

Q | KK EB 🔍 | Type ▾

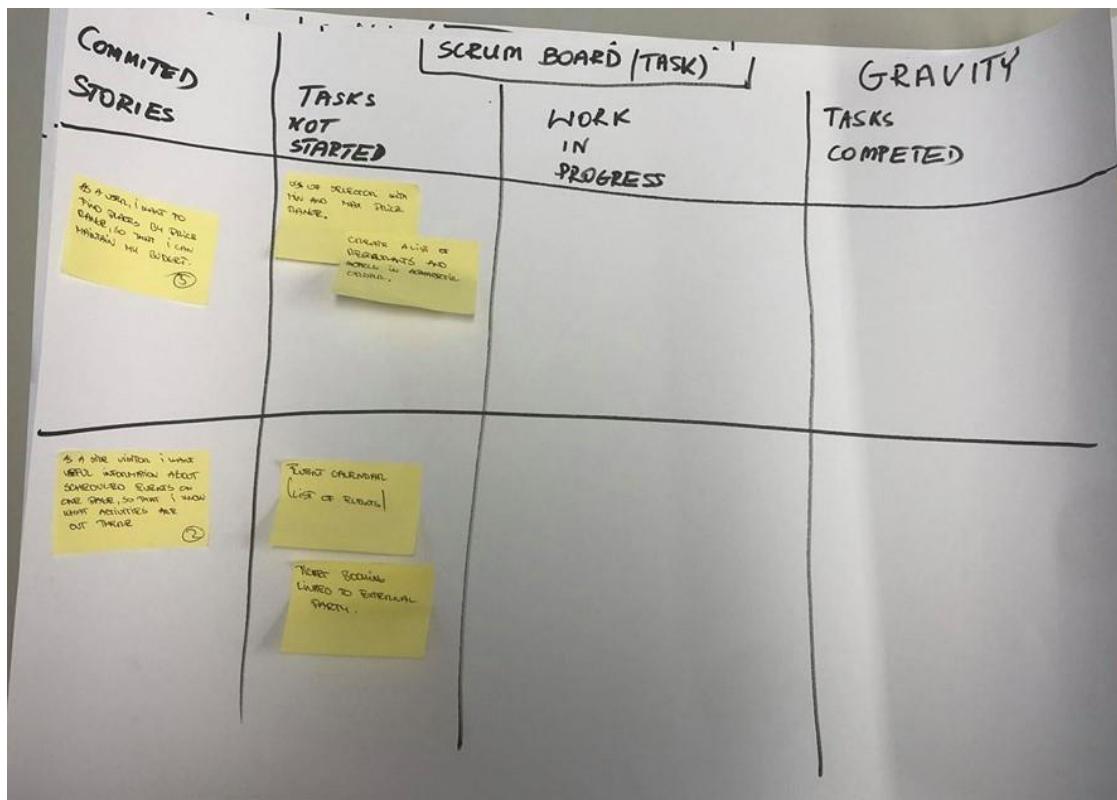
5 2 0 Complete sprint ⋮

▼ GRAV Sprint 2 6 issues  
The goal for sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.  
2/Mar/20 04:27 PM • 13/Mar/20 04:27 PM

Issue	Count
GRAV-8 As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.	0
GRAV-24 Event Calendar	1
GRAV-12 Ticket Booking	1
GRAV-7 As a user, I want to find places by price range, so that I can maintain my budget.	3
GRAV-22 User selector with min and max price range	2
GRAV-23 create a list of restaurants & hotels in alphabetical order	EB

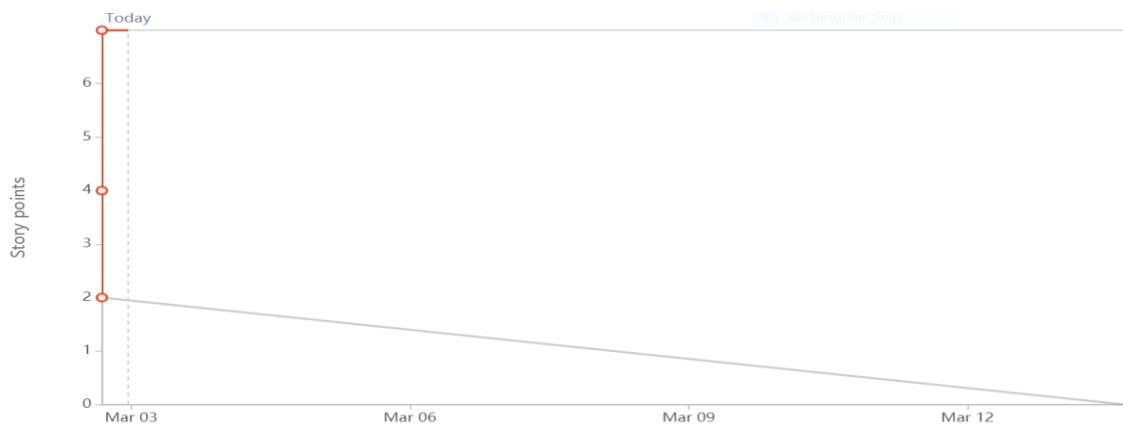
▼ Backlog 5 issues 0 0 0 Create sprint

c. THE initial SCRUM/Task Board



Img 4.c1. Sprint Task Board – 02/03/2020

d. The initial sprint Burn down chart.



Burndown chart for Sprint 2

## e. Baseline of code in GitHub

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5
6    <meta charset="utf-8">
7    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
8    <meta name="description" content="">
9    <meta name="author" content="">
10
11   <title>Galway 2020</title>
12
13   <!-- Bootstrap core CSS -->
14   <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8XAGkqJ0DhUVWNPQkXWCFn9HHzC43+JUQy9LjGmN1E8u0Z5IuJXa" crossorigin="anonymous">
15
16   <!-- Custom styles -->
17   <link href="css/custom.css" rel="stylesheet">
18
19 </head>
20
21 <body>
22 <br>
23   <!-- Navigation -->
24   <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top" id="mainNav">
25     <div class="container">
26       <a class="navbar-brand" href="index.html">
27         
28       </a>
29       <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
30         <span class="navbar-toggler-icon"></span>
31       </button>
32       <div class="collapse navbar-collapse" id="navbarResponsive">
33         <ul class="navbar-nav ml-auto">
34           <li class="nav-item">
35             <a class="nav-link" href="index.html">Home</a>
36           </li>
37           <li class="nav-item">
38             <a class="nav-link" href="#events">Events</a>
39           </li>
40           <li class="nav-item">
41             <a class="nav-link" href="#hotels">Hotels</a>
42           </li>
43           <li class="nav-item">
44             <a class="nav-link" href="#eat">Where to eat</a>
45           </li>
46           <li class="nav-item">
47             <a class="nav-link" href="environment.html">Environment</a>
48           </li>
49           <li class="nav-item">
50             <a class="nav-link" href="#contact">Contact</a>
51           </li>
52         </ul>
53       </div>
54     </div>
55   </nav>
56
57   <!-- Start of carousel-->
58   <header>
59     <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">

```

```

59 <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
60   <ol class="carousel-indicators">
61     <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
62     <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
63     <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
64   </ol>
65   <div class="carousel-inner" role="listbox">
66     <!-- Slide One - Set the background image for this slide in the line below -->
67     <div class="carousel-item active" style="background-image: url('https://travelinspires.org/wp-content/uploads/2019/03/Things-To-Do-in-Paris-1024x683.jpg')">
68       <div class="carousel-caption d-none d-md-block">
69
70       </div>
71     </div>
72     <!-- Slide Two - Set the background image for this slide in the line below -->
73     <div class="carousel-item" style="background-image: url('https://www.extremireland.ie/blog/wp-content/uploads/2017/07/G-town.jpg')">
74       <div class="carousel-caption d-none d-md-block">
75
76     </div>
77     </div>
78     <!-- Slide Three - Set the background image for this slide in the line below -->
79     <div class="carousel-item" style="background-image: url('https://media-cdn.tripadvisor.com/media/vr-splice-j/052f50/17.jpg')">
80       <div class="carousel-caption d-none d-md-block">
81
82     </div>
83     </div>
84   </div>
85   <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
86     <span class="carousel-control-prev-icon" aria-hidden="true"></span>
87     <span class="sr-only">Previous</span>
88   </a>
89
90   <!-- container -->
91
92   <!-- Footer -->
93   <footer class="py-5 bg-dark">
94     <!-- Grid column -->
95     <div class="col-md-4 col-lg-3 col-xl-3 mx-auto mb-0 mb-4 text-white">
96
97       <!-- Links -->
98       <h6 class="text-uppercase font-weight-bold">Contact</h6>
99       <br class="deep-purple accent-2 mb-4 mt-0 d-inline-block mx-auto" style="width: 60px;">
100      <p>Tuan Road <br> Galway <br> info@example.com <br> 087 837 70 11 <br><br><br></p>
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
</body>
</html>

```

## Link to Baseline code for Sprint 2

### 6.6 During Sprint 2:

#### a. Snapshots of sprint progress

Sprint 2 consists of 2 Stories and 5 tasks in total. 2 tasks were moved from Sprint 1 into Sprint 2 as they were not DONE.

Team Velocity has changed to total of 7 points for Sprint 2.

Projects / Gravity

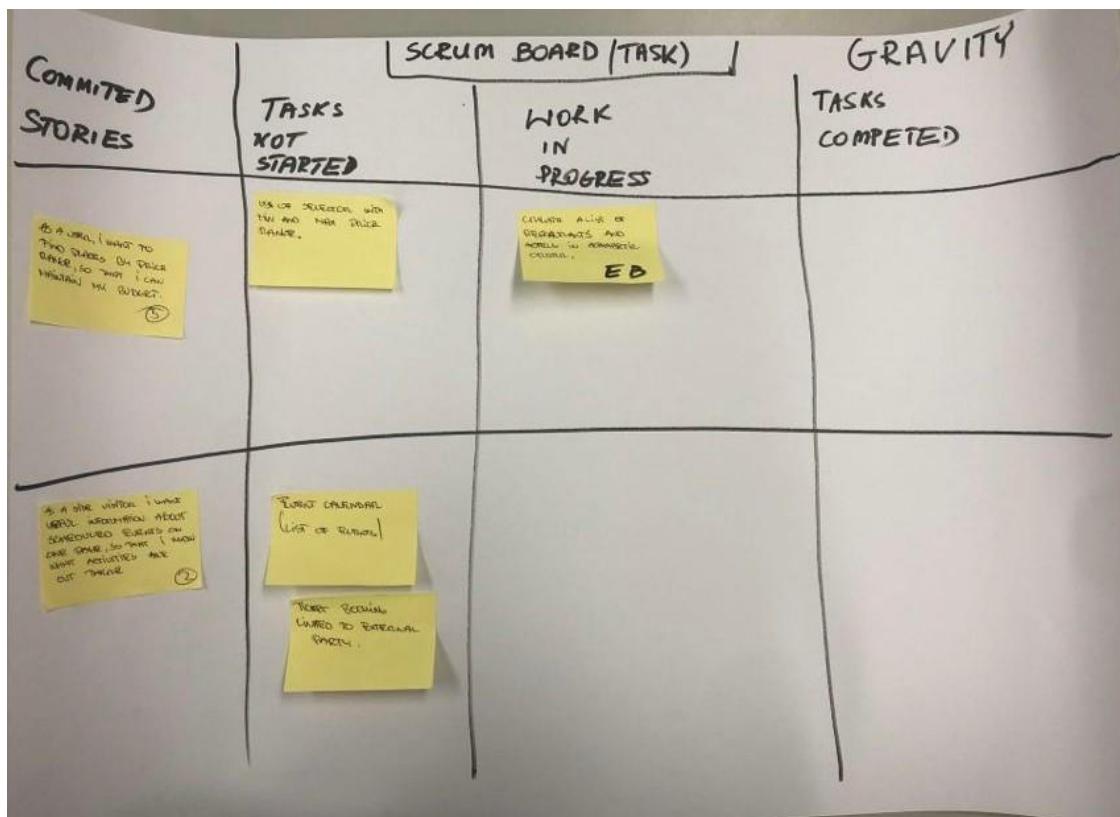
## GRAV Sprint 2

The goal sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.

EB | Type ▾ GROUP BY None

TO DO 3	IN PROGRESS 2	DONE
<p>Ticket Booking GRAV-12</p> <p>As a user, I want to find places by price range, so that I can maintain my budget. GRAV-7</p> <p>User selector with min and max price range GRAV-22</p>	<p>As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there. GRAV-8</p> <p>create a list of restaurants &amp; hotels in alphabetical order GRAV-23 EB</p>	

### b. SCRUM/Task Board updates at Daily stand-ups



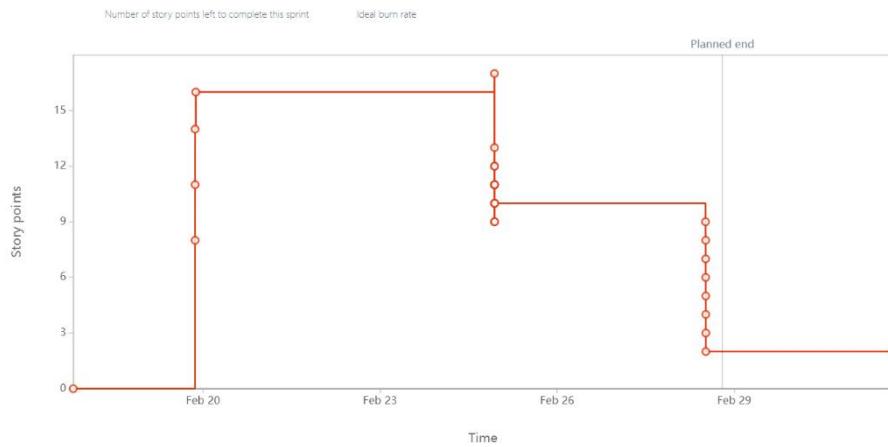
Img 5.b1. Sprint Task Board with assigned tasks – 02/03/2020

c. Corresponding updates to the Sprint Burndown chart.

Projects / Gravity / Reports

### Sprint burndown chart

[» How to read this report](#)



Projects / Gravity / Reports

### Sprint burndown chart

[» How to read this report](#)

Your sprint commitment has increased by 11 story points  
Due to scope changes: You have 11 story points to complete this sprint

#### Incomplete issues

[View in issue navigator](#)

Key	Summary	Issue type	Epic	Status	Assignee	Story points
GRAV-8	As a site visitor, I want useful information about sched...	Story		IN PROGRESS		1
GRAV-12	Ticket Booking	Task		TO DO		1

Projects / Gravity / Reports

### Sprint burndown chart

[» How to read this report](#)

#### Completed issues

[View in issue navigator](#)

Key	Summary	Issue type	Epic	Status	Assignee	Story points
GRAV-2	As a user I want to learn about recycling so I can redu...	Story		DONE		1
GRAV-9	Wire Frame	Task		DONE	G	1
GRAV-10	Nav Bar	Task		DONE	EB	1
GRAV-11	Event Calendar	Task		DONE	TB	1
GRAV-14	Article Section with images and Text/Links	Task		DONE	G	1
GRAV-16	Article Section	Task		DONE	KK	1
GRAV-17	Media Content	Task		DONE	KK	1
GRAV-18	Contact Information	Task		DONE	KK	1
GRAV-19	Functioning Links	Task		DONE	KK	1

Issues completed outside of sprint

Key:	Summary:	Issue type:	Epic:	Status:	Assignee:	Story points



No issues have been completed outside of the sprint

d. Description of Issues and associated actions, captured during daily stand-ups (more detail in next assignment)

- GitHub set up – team members did not have full access – new repository was created.
- Misunderstanding tasks and what was the expected result – issue resolved during stand-up meeting (additional explanation given)
- Issue with parts of code which resulted in spending too much time on one task.
- Lack of efficient communication (team is working on improving this issue)

## 6.7 Summary

During Sprints, team realized the importance of testing and setting up work environment in first place to successfully complete tasks. Testing beforehand would allow team to be more proficient and to follow Definition Of Done. GitHub also took a lot of time to get used to, especially push/pull request were confusing for all team members and in some cases, code couldn't be updated or uploaded by some team members. New GitHub project had to be set up in middle of a Sprint that slowed us down and caused some parts of code to break/not function properly. Team agreed that for next Sprint all team members have to improve communication between them as that created few issues That would eliminate confusion with end goal and Definition Of Done.

## 7. Assignment 5c

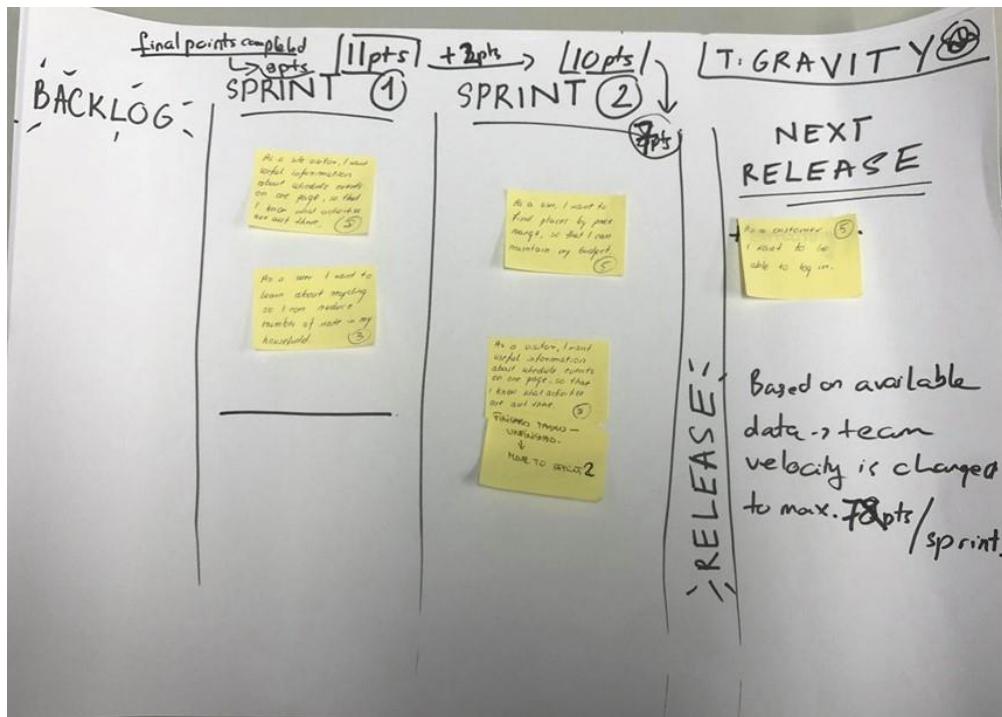
### 7.1 Introduction

The purpose of assignment 5C was to deliver updated Release plan after sprint 1, updated Release plan burndown chart after sprint 1 as well as Sprint 2 plan, Sprint 2 Initial daily Scrum board, Sprint 2 Initial Sprint burndown chart. On completion of sprint 2, team reevaluated velocity based on available data from sprint 1. Two new user stories were added to second sprint. At the end of the sprint updated artifacts were produced. Team met for Demo and carried out Retrospective. During sprint 2, change was introduced by PO. Spike story was added into the backlog which required additional research.

### 7.2 Sprint progress (snapshots)

#### 7.2.1 During Sprint 2

##### i) Updated Release plan after sprint 1



Img 1.1.i Sprint Release Plan Updated for Sprint 2 – 02/03/2020

ii) Updated Release plan burndown chart after sprint 1 - 28/02/2020

**Sprint burndown chart** » How to read this report



iii) Sprint 2 plan

Projects / Gravity

### Backlog

Q R E Type ▾

GRAV Sprint 2 5 issues

The goal for sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.  
2/Mar/20 04:27 PM • 13/Mar/20 04:27 PM

Issue	Description	Progress	Actions
<input checked="" type="checkbox"/> GRAV-24 Event Calendar	As a user, I want to see events calendar.	100%	① ② ③ Complete sprint
<input checked="" type="checkbox"/> GRAV-12 Ticket Booking	As a user, I want to book tickets.	100%	①
<input type="checkbox"/> GRAV-7 As a user, I want to find places by price range, so that I can maintain my budget.	As a user, I want to find places by price range, so that I can maintain my budget.	0%	②
<input checked="" type="checkbox"/> GRAV-22 User selector with min and max price range	As a user, I want to select user with min and max price range.	100%	② ③
<input checked="" type="checkbox"/> GRAV-23 create a list of restaurants & hotels in alphabetical order	As a product owner, I want to create a list of restaurants & hotels in alphabetical order.	100%	② ③
<b>Backlog</b> 6 issues			
<input type="checkbox"/> GRAV-8 As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.	As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.	0%	①
<input type="checkbox"/> GRAV-3 As a user I want to access schedule for kids workshops about environment.	As a user I want to access schedule for kids workshops about environment.	0%	②
<input type="checkbox"/> GRAV-4 As a tourist, I want to be able to purchase vouchers of restaurants near Galway 2020's activities, so that I can enjoy more the time being here.	As a tourist, I want to be able to purchase vouchers of restaurants near Galway 2020's activities, so that I can enjoy more the time being here.	0%	③
<input type="checkbox"/> GRAV-5 As a product owner, I want to receive any feedback forms filled by visitors on web, so that I can get in touch with them.	As a product owner, I want to receive any feedback forms filled by visitors on web, so that I can get in touch with them.	0%	④
<input type="checkbox"/> GRAV-6 As a tourist, I want to be able to find location of places (restaurants, shops etc) on web, so that I won't get lost and save time.	As a tourist, I want to be able to find location of places (restaurants, shops etc) on web, so that I won't get lost and save time.	0%	⑤
<input type="checkbox"/> GRAV-1 As a customer i want to be able to log in.	As a customer i want to be able to log in.	0%	⑥

+ Create issue

## Change made during Sprint 2 (Spike Story replaced initial story included in Sprint 2)

▼ GRAV Sprint 2 4 issues

The goal for sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.  
2/Mar/20 04:27 PM • 13/Mar/20 04:27 PM

<span style="color: red;">!</span> GRAV-25 In order to correctly implement automatic testing, Gravity team needs to prototype the framework use.	<span style="color: red;">P</span> 2
<span style="color: green;">■</span> GRAV-7 As a user, I want to find places by price range, so that I can maintain my budget.	KK
<span style="color: blue;">✓</span> GRAV-22 User selector with min and max price range	3 KK
<span style="color: blue;">✓</span> GRAV-23 create a list of restaurants & hotels in alphabetical order	2 EB

▼ Backlog 8 issues

1 1 0 Create sprint

Report: GRAV Sprint 2					
Scope changes log			Issue added after sprint start		
Date	Key	Summary	Issue type	Epic	Change in estimation
2020-03-02	GRAV-23*	create a list of restaurants & hotels in alphabetical order	Task		Issue added to sprint
2020-03-02	GRAV-23	create a list of restaurants & hotels in alphabetical order	Task		Estimate of 2 has been added
2020-03-02	GRAV-22	User selector with min and max price range	Task		Estimate of 3 has been added
2020-03-02	GRAV-24*	Event Calendar	Task		Issue added to sprint
2020-03-02	GRAV-24	Event Calendar	Task		Estimate of 1 has been added
2020-03-02	GRAV-8	As a site visitor, I want useful information about schedule events on one page, so that I know what a... Story	Story		Issue added to sprint
2020-03-05	GRAV-8	As a site visitor, I want useful information about schedule events on one page, so that I know what a... Story	Story		Issue removed from sprint
2020-03-05	GRAV-24	Event Calendar	Task		Issue removed from sprint
2020-03-05	GRAV-12	Ticket Booking	Task		Issue removed from sprint
2020-03-06	GRAV-25	In order to correctly implement automatic testing, Gravity team needs to prototype the framework ... Spike	Spike		Estimate of 2 has been added
2020-03-06	GRAV-25*	In order to correctly implement automatic testing, Gravity team needs to prototype the framework ... Spike	Spike		Issue added to sprint

### b) Sprint goals

Sprint name \*

Start date \*

2020/03/02
4:27pm

End date \*

2020/03/13
4:27pm

Sprint goal

The goal for sprint 2 is to complete remaining tasks from sprint 1 & create price range, search bar for users on restaurants & hotels pages.

### c) Sprint confidence vote

For the purpose of confidence vote, “one in five” technique was used, where 1 is confident about plan, 5 is not confident about plan. Team members vote 1 (each) which means they all are confident about project plan. All team’s members are confident with the sprints.

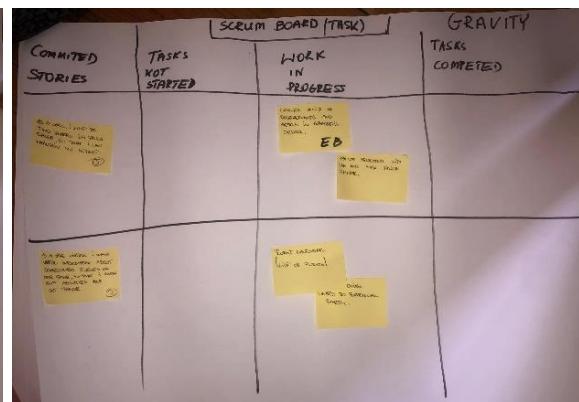
*d) Risks*

- Software issues
- Miscommunication
- Misunderstanding tasks
- Not attending daily stand-up meeting & brainstorming session
- Insufficient knowledge & expertise
- Insufficient testing

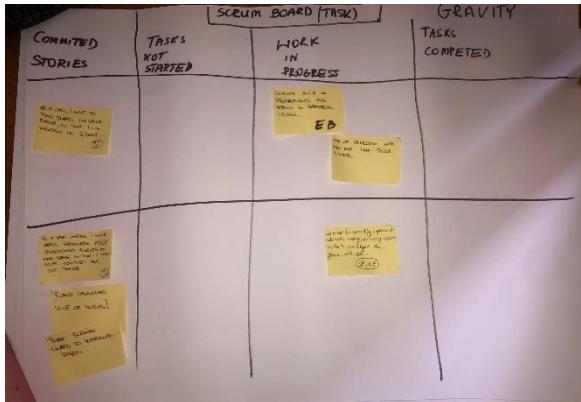
*iv) Sprint 2 Initial daily Scrum board*



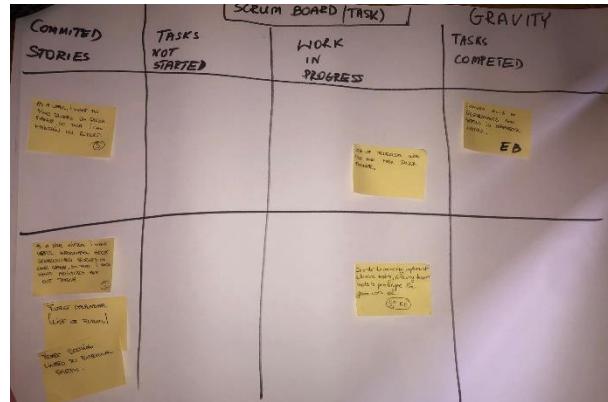
Img 1.1.iv.1 - Scrum board - 04/03/2020



Img 1.1.iv.2 - Scrum board - 05/03/2020

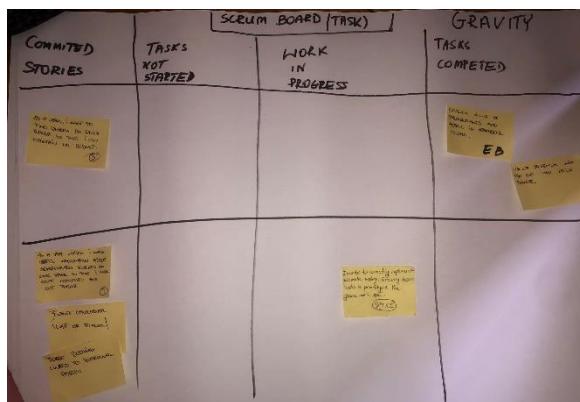


Img 1.1.iv.3 - Scrum board - 06/03/2020 - Replace

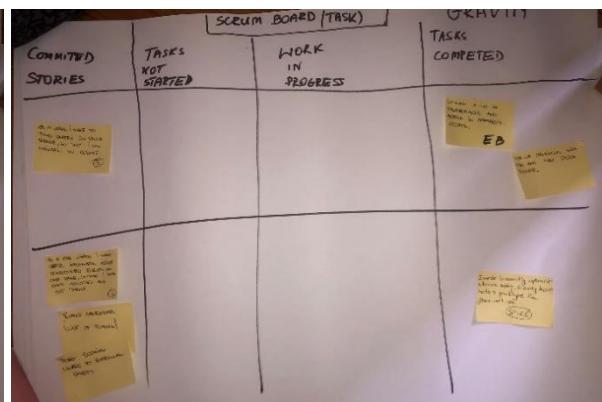


Img 1.1.iv.4 - Scrum board - 07/03/2020

### *Sprint 1's remaining tasks with SPIKE*

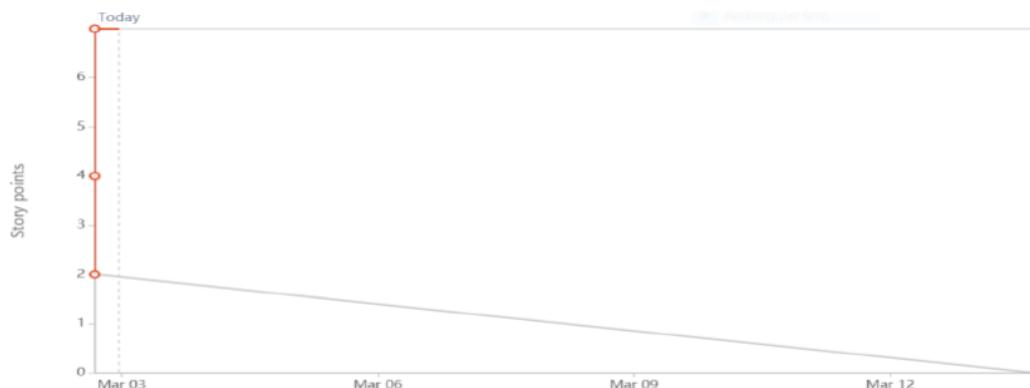


Img 1.1.iv.5 - Scrum Board – 09/03/2020



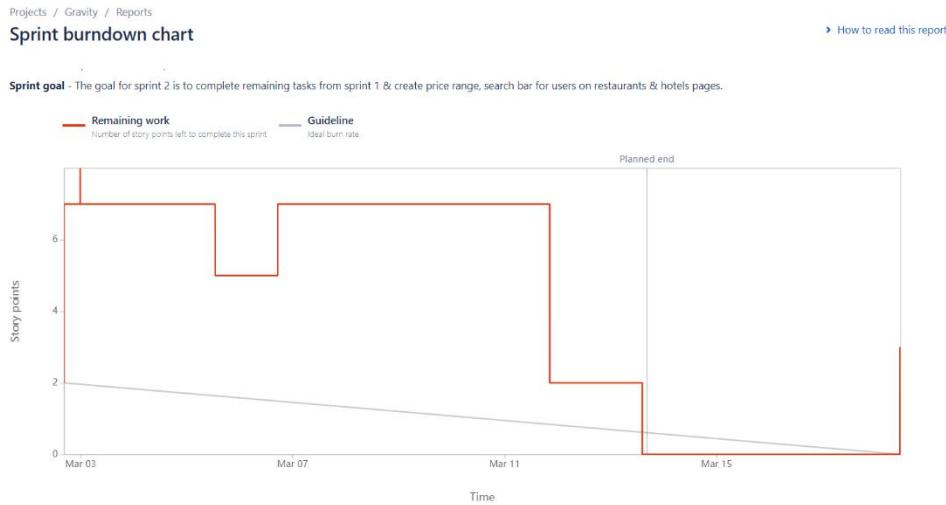
Img 1.1.iv.6 - Scrum Board – 10/03/2020

### v) Sprint 2 Initial Sprint burndown chart - 02/03/2020



Burndown chart for Sprint 2

vi) *Final update to the Sprint Burndown chart*



vii) *Description of any changes to plan during the sprint*

PO introduced a new SPIKE story into the backlog. The purpose of story is to investigate automated unit testing, automated acceptance testing and to put together plan to perform automated testing going forward as well as the amount of work involved.

In order to correctly implement automatic testing, Gravity team needs to prototype the framework use.

A screenshot of a Jira issue page. The title is "Kasia Krakowska · Spike story". The description section contains the following text:

The PO introduces a new SPIKE story into the backlog to investigate automated unit testing and automated acceptance testing and to put together plan to perform automated testing going forward and the amount of work involved. o This type of story is called a Spike. o The output of the story is: • Unit test frameworks investigated • Acceptance test frameworks investigated • Decision of what unit test and acceptance test frameworks to use and reasons why. • Prototype the framework use. • Implementation and training plan for the team to use these new practices o Add the story to the backlog and timebox it. Eg. 2 story points • The story has been prioritized as urgent. • The PO and team agree to bring the story into the current sprint • The PO and the development team agree on what story to remove from the current sprint so that this story can be fitted in.

Issue details on the right side:

- Assignee: Unassigned
- Labels: Urgent
- Story point estimate: 2
- Sprint: None
- Reporter: Kasia Krakowska
- Created: March 6, 2020, 5:13 PM
- Updated: 3 hours ago

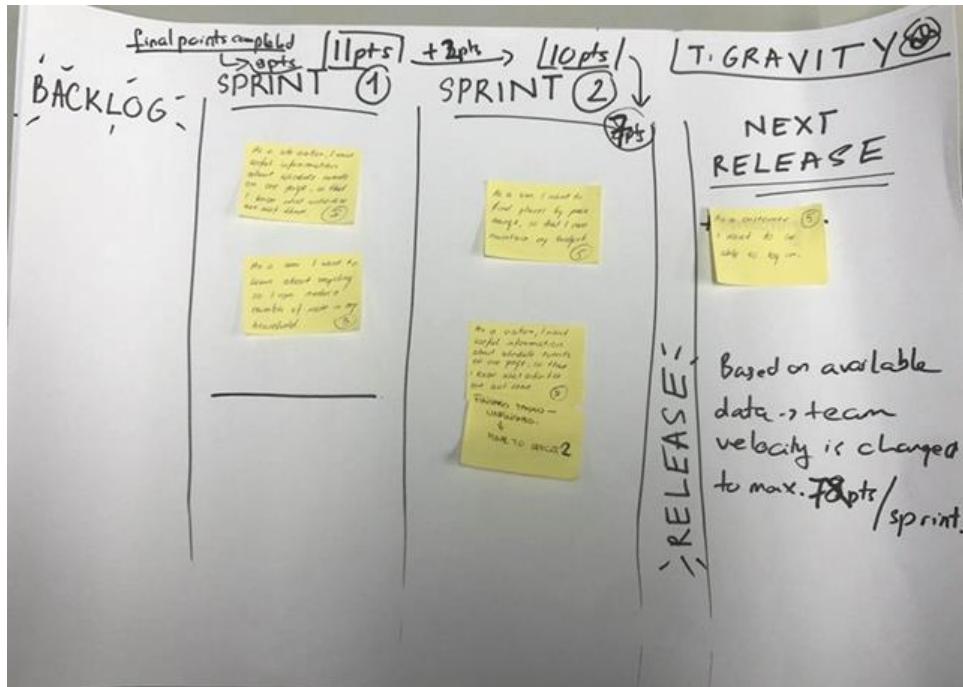
Activity tab is selected. Other tabs: Comments, History.

viii) *Description of Issues and associated actions, captured during daily stand-ups*

- Insufficient information about Spike - more research required by team members
- Insufficient knowledge about automated testing - more research required by team members
- Tests and reviews have not been carried out in a satisfactory way
- Coronavirus resulted in lock-down (communication moved online)

ix) Evidence of having a sprint refinement meeting to prepare for the next sprint

Team Gravity completed Sprint 1 and Sprint 2 planned for first and final release.

x) Evidence of rigorous story testing, test plans, test scripts, and test results

Tools used for testing HTML files:

<https://validator.w3.org/>

Tools used for testing CSS files:

<http://www.css-validator.org/>

No JavaScript testing have been done.

Code review progress done using GitHub Projects

Column	Items
To do	None
In progress	Testing
Review in progress	Add calendar for homepage - events custom.js file
Done	Add the video section to the Environment page custom.css file index.html Add articles to the environment page Add contact info Template for pages - with header, footer and body Functioning nav bar price range code need to be linked with appropriate section of hotels and restaurants list

Results:

Hotels.html test result

- Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#). From line 76, column 10 to line 76, column 37
 

```

```
- Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#). From line 93, column 10 to line 93, column 35
 

```

```
- Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#). From line 112, column 26 to line 112, column 56
 

```

```
- Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#). From line 133, column 10 to line 133, column 38
 

```

```

## Index .html test result

Document checking completed. No errors or warnings to show.

## Restauraunts.html test result

1.	<b>Error</b> An <code>img</code> element must have an <code>alt</code> attribute, except under certain conditions. For details, consult <a href="#">guidance on providing text alternatives for images</a> . From line 76, column 10 to line 76, column 36
2.	<b>Error</b> An <code>img</code> element must have an <code>alt</code> attribute, except under certain conditions. For details, consult <a href="#">guidance on providing text alternatives for images</a> . From line 94, column 10 to line 94, column 36
3.	<b>Error</b> An <code>img</code> element must have an <code>alt</code> attribute, except under certain conditions. For details, consult <a href="#">guidance on providing text alternatives for images</a> . From line 113, column 28 to line 113, column 53
4.	<b>Error</b> An <code>img</code> element must have an <code>alt</code> attribute, except under certain conditions. For details, consult <a href="#">guidance on providing text alternatives for images</a> . From line 134, column 10 to line 134, column 38

## CSS file

## W3C CSS Validator results for TextArea (CSS level 3 + SVG)

**Sorry! We found the following errors (2)****URI : TextArea**

35	Parse Error //Gradient navbar /* .navbar { background: rgb(130,23,28); background: linear-gradient(to bottom, #82171c !important, #82171c 58px); }
62	Parse Error /* Font Imports *****



Interested in "developing" your developer skills? In W3Cx's hands-on that use th

[Donate and](#)

## Warnings (3)

**URI : TextArea**

13	<code>-webkit-background-size</code> is an unknown vendor extension
14	<code>-moz-background-size</code> is an unknown vendor extension
15	<code>-o-background-size</code> is an unknown vendor extension

- xi) *Evidence in GitHub of code reviews and code inspections by all development team members*

	3 Open	✓ 3 Closed	Author	Label	Projects	Milestones	Reviews	Assignee	Sort
1	Update custom.js for review and testing #5 opened 8 days ago by 234567812						1		
2	Update custom.css for review and testing #4 opened 8 days ago by 234567812						2		
3	Update index.html #3 opened 9 days ago by 234567812 • Draft						4		

## Update custom.js for review and testing #5

1 Open 234567812 wants to merge 1 commit into master from 234567812-patch-3

Edit

Conversation 1 Commits 1 Checks 0 Files changed 1 +1 -1

234567812 commented 8 days ago Owner ...  
review needed

minhtran365411 approved these changes 7 days ago View changes

```
Galway 2020/js/custom.js
30   30   element.className = arri.join(" ");
31   31   }
32   32
33   - // Add active class to the current button (highlight it)
33   +
34   34   let btnContainer = document.getElementById("myBtnContainer");
35   35   let btns = btnContainer.getElementsByClassName("btn");
36   36   for (let i = 0; i < btns.length; i++) {
```

Comment on lines 30 to 36

minhtran365411 7 days ago Contributor ...  
I can see javascript is functioning the way it should be, the filter is working well.

Reply...

Reviewers minhtran365411 ✓  
Assignees No one—assign yourself  
Labels None yet  
Projects None yet  
Milestone No milestone  
Linked issues Successfully merging this pull request may close these issues.  
None yet  
Notifications Customize



The screenshot shows a GitHub pull request page for a repository named 'Gravity--Team-Project'. The pull request is titled 'Update index.html #3' and is currently in a 'Draft' state. It has 33 commits from the user '234567812'. The main commit message is '234567812 commented 8 days ago'. The review status is 'Review required'. The code review section shows a diff between 'index.html' and 'index.html'. The first commit, by 'minhtran365411', has a green checkmark indicating it was approved 8 days ago. The second commit, also by 'minhtran365411', has a red error icon and a message stating 'Category for different price range is working perfectly, all buttons are clickable'. The third commit, by '234567812', has a green checkmark and a message stating 'Links not working as waiting for final hotel and restaurant list'. There are 4 participants in the conversation.

## 7.3 End of the Sprint 2

### 7.3.1 Spike Story

- a) Evidence of the testing framework spike story being added to the product and sprint backlogs and decision by the PO on what story to be taken out of the sprint so that the spike story can be added

Issue Key	Description	Status
GR4V-7	As a user I want to find places by price range, so that I can maintain my budget.	In Progress
GR4V-22	User selection with min and max price range	To Do
GR4V-23	Create a list of restaurants & hotels in alphabetical order	To Do
GR4V-25	In order to <achieve some goal> <a system or person> needs to <some action>	In Progress
GR4V-8	As a visitor I want useful information about schedule events on one page, so that I know what activities are out there.	To Do
GR4V-12	Ticket Booking	To Do
GR4V-24	Event Calendar	To Do
GR4V-3	As a user I want to achieve schedule for kids workshops about environments.	To Do
GR4V-4	As a tourist I want to be able to purchase vouchers of restaurants near Gr4vy 2020's activities, so that I can enjoy more the time being here.	To Do
GR4V-5	As a product owner I want to receive any feedback forms filled by visitors on web, so that I can get in touch with them.	To Do
GR4V-6	As a tourist I want to be able to find location of places (restaurants, shop etc) on web, so that I won't get lost and save time.	To Do
GR4V-1	As a customer I want to be able to log in.	To Do

- b) Report on Spike Research

1. Due to team failing to complete story in sprint 1, PO decided to introduce Sprint Story. The Product Owner makes a Spike as an investment to find out what needs to be installed and how the team can build it — before it really starts. The Product Owner now allocates a little bit of the team's Velocity, ahead of when the story needs to be delivered so the team knows what to do when the story comes into the sprint.<sup>4</sup>
2. Team conducted a research on tools used in Spike. Most used tools are ApacheJMeter and Loadrunner. Apache tool is an open source tool that works in Java environment and test applications performance and behavior. Loadrunner on the other hand is paid software that can test applications by many users. Team agreed to do more research on ApacheJMeter as it was free, and originally designed for Web Applications. It can be used to test static and dynamic resources and Dynamic Web applications.<sup>5</sup>,<sup>6</sup>
3. The plan to introduce and use automated unit and acceptance testing going forward

<sup>4</sup> Visual-paradigm.com. 2020. *What Is Spike In Scrum?*. [online] Available at: <<https://www.visual-paradigm.com/scrum/what-is-scrum-spike>> [Accessed 19 March 2020].

<sup>5</sup> Guru99.com. 2020. *What Is Spike Testing? Learn With Example.*. [online] Available at: <<https://www.guru99.com/spike-testing.html>> [Accessed 19 March 2020].

<sup>6</sup> Jmeter.apache.org. 2020. *Apache Jmeter - User's Manual: Getting Started.*. [online] Available at: <<https://jmeter.apache.org/usermanual/get-started.html>> [Accessed 19 March 2020].

The team first sprint didn't go well, as we failed in estimating the team velocity and didn't do the testing for code. The PO introduced SPIKE.

*Spike: In order to correctly implement automatic testing, Gravity team needs to prototype the framework use.*

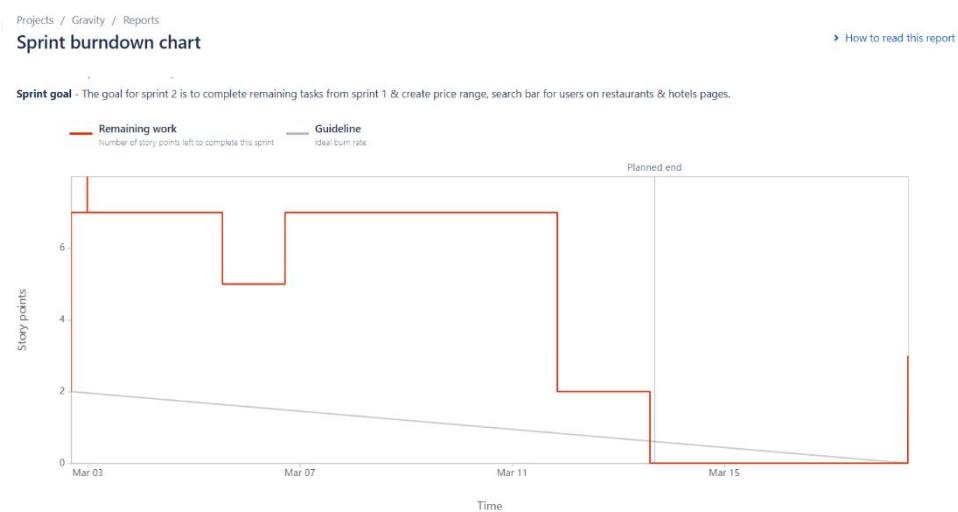
Automated Unit Testing: For unit testing is test each small parts of the spike story separately, there are 2 choices of method that the team need to choose to go with ApacheJMeter and Loadrunner and we went with JMeter. The software will be introduced to team and the Gravity team will be trained to get familiar with the testing software, after training process, team is expected to use JMeter to carry out testing process.

Testing method: For this, we will have our team to do research on JMeter, as well as running a mock program to test, so that team can get an understanding of how the program works and how tests are structured.

Acceptance Testing: For this acceptance testing, after carrying out the whole testing process, team will validate the Unit Testing, training process and the results of SPIKE. If development team, Scrum Master and the Product Owner is happy with the result, then Gravity team can finish the spike and progress with the project.

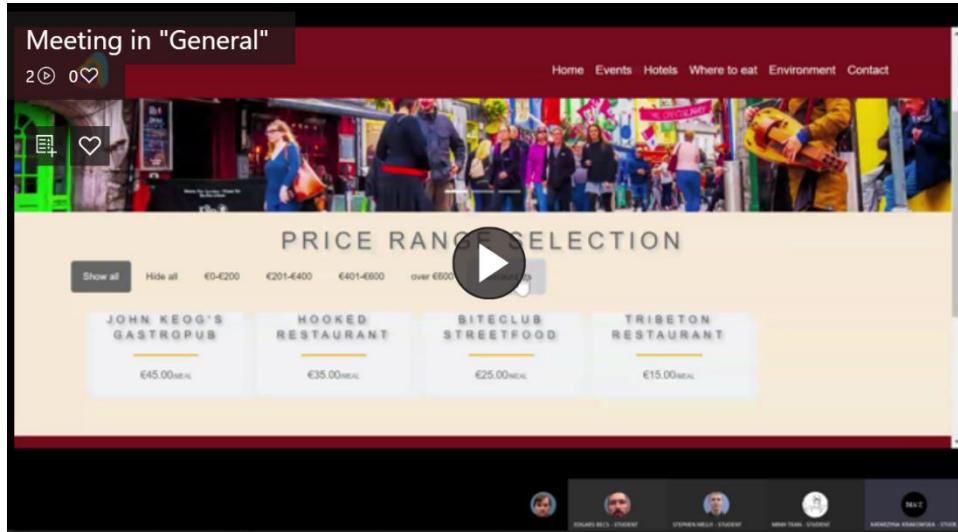
### 7.3.2 Sprint

- a) The end of sprint burndown chart and end SCRUM Board snapshots



- b) The video recording of sprint2 demo/review

<https://web.microsoftstream.com/video/7b0b9ff0-a829-48d3-87b7-a567efe24c2b>



- c) The status of user stories completed in the sprint as per the definition of DONE and user stories rejected and reasons why

User Story 1: As a user, I want to find places by price range, so that I can maintain my budget.

Status: Done

Definition of done: the story's solution is completely specified and integrated, with test cases included.

*Task1: Selector with min and max price range*

*Task2: Create a list of restaurants & hotels in alphabetical order*

Spike Story: In order to correctly implement automatic testing, Gravity team needs to prototype the framework use.

Status: Done

*Rejected story.*

User Story 2: As a site visitor, I want useful information about schedule events on one page, so that I know what activities are out there.

Status: Not done

Definition of done: the story's solution is completely specified and integrated, with test cases included.

*Task1: Event calendar*

PO introduced a new SPIKE story into the backlog. The story has been prioritized as urgent. The PO and team agreed to bring the story into the current sprint. The PO and the development team agree on Story 2 to be remove from the current sprint so that this story can be fitted in.

- d) For each user story, the list of tasks, the final task status, and task owners

Completed issues							<a href="#">View in issue navigator</a>
Key	Summary	Issue type	Epic	Status	Assignee	Story points	
GRAV-7	As a user, I want to find places by price range, so that I can maintain my budget.	Story		DONE	KK	-	
GRAV-22	User selector with min and max price range	Task		DONE	KK	3	
GRAV-23	create a list of restaurants & hotels in alphabetical order	Task		DONE	EB	2	
GRAV-25	In order to correctly implement automatic testing, Gravity team needs to prototype the framework use.	Spike		DONE		2	

**Complete GRAV Sprint 2**

This sprint contains 4 completed issues.

That's all of them - well done!

- e) Evidence of having an impartial sprint retrospective meeting, the input and outputs of the sprint retrospective meeting with evidence of impartial/anonymous brainstorming and a description of how the retrospective meeting was conducted

For the purpose of this task, team used Google Forms. Anonymous survey was created and distributed among team members.

What went well?

5 responses

As we learnt from first sprint, our second sprint went well with better understanding about team velocity and gradually testing. I think the team did communicate well with better engagement in group work.

Group was very organised

Everyone worked well on project and attempted to complete Stories assigned.  
Team had to do a lot of research to complete the tasks so everyone took initiative.

We learned from our issues in the last sprint. We improved our communication

1. Selecting stories for Sprint 2
2. Coding done in time without issues

What went wrong?

5 responses

I think we learnt a lot from first sprint, so in this second sprint we are more open to genuine communication, so whatever a team member felt wrong, the issue is then right away be represented to team.

Group involvement

GitHub had to be setup at very beginning along with Jira software setup properly.

Team members understanding of spike differed

1. Insufficient testing and reviews
2. Team members missing stand-ups and brainstorming sessions
3. Software issues (GitHub)
4. Team didn't fully understand what is Spike

What need to be improved

5 responses

Maybe we can be more initiative and active in our project. Our coding/technical skills need to be improved as well.

Group involvement

Meeting attendance needs to be improved or if meeting missed, updated Minutes to be set up and posted on Teams that would allow all team members participate in Project.

Team members need to attend meetings. More communication between programmers

1. Testing and reviews
2. Better communication required
3. Team members need to actively participate in meetings

f) Code baseline before sprint begins and after the sprint has finished

### Index page: start of Sprint 2

The screenshot shows a GitHub commit page for a project named "Gravity—Team Project". The commit hash is 234567812, and it was made by edzamz on March 18, 2018, at 10:29:16 AM. The commit message is "Update index.html". The commit has 20 additions and 20 deletions. The code editor displays the index.html file, which contains the HTML code for a navigation bar and a carousel.

```

<!-- Header -->
<div class="header">
  <div class="header__inner">
    <div class="header__left">
      <a href="#">Travel Inspire</a>
    </div>
    <div class="header__right">
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About Us</a></li>
        <li><a href="#">Contact</a></li>
        <li><a href="#">Privacy Policy</a></li>
        <li><a href="#">Terms of Use</a></li>
      </ul>
    </div>
  </div>
</div>

<div class="nav-bar">
  <div class="nav-bar__inner">
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About Us</a></li>
      <li><a href="#">Contact</a></li>
      <li><a href="#">Privacy Policy</a></li>
      <li><a href="#">Terms of Use</a></li>
    </ul>
  </div>
</div>

<div class="hero">
  <div class="hero__inner">
    <h1>Travel Inspire</h1>
    <p>Your travel companion</p>
    <div>
      
      <div>Travel Inspire</div>
    </div>
  </div>
</div>

<div class="main">
  <div class="main__inner">
    <div>
      <h2>Our Services</h2>
      <ul>
        <li><a href="#">Travel Inspiration</a></li>
        <li><a href="#">Travel Guides</a></li>
        <li><a href="#">Travel Itineraries</a></li>
        <li><a href="#">Travel Destinations</a></li>
        <li><a href="#">Travel Activities</a></li>
        <li><a href="#">Travel Events</a></li>
        <li><a href="#">Travel News</a></li>
        <li><a href="#">Travel Stories</a></li>
        <li><a href="#">Travel Guides</a></li>
        <li><a href="#">Travel Itineraries</a></li>
        <li><a href="#">Travel Destinations</a></li>
        <li><a href="#">Travel Activities</a></li>
        <li><a href="#">Travel Events</a></li>
        <li><a href="#">Travel News</a></li>
        <li><a href="#">Travel Stories</a></li>
      </ul>
    </div>
  </div>
</div>

```

0 comments on commit · [Archives](#) · [Lock conversation](#)

[Write](#) [Preview](#)

Leave a comment

Attach files by dragging & dropping, selecting or pasting items

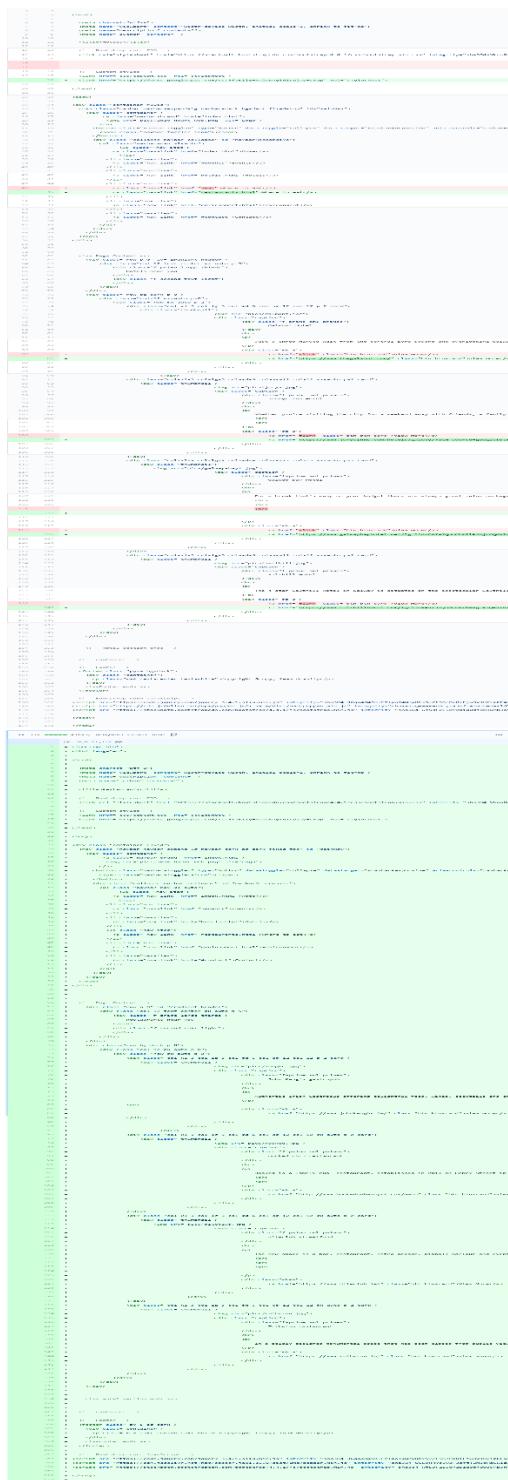
[Comment on this comment](#)

[Subscribe](#) You're not receiving notifications from the topic.

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## Index page: end of Sprint 2

## Hotel page/Restaurants page: Sprint 2



## CSS file: start of Sprint 2

The screenshot shows a GitHub commit page for a repository named "Gravity---Team-Project". The commit, made by "etzaans" 18 days ago, has 47 additions and 0 deletions. The file is named "custom.css" and is located in the "css" directory. The code in the file is as follows:

```

47  delacy 2020/custon.css
...
1  body {
2  	/* styling for body */
3  	background-color: #f0f0f0;
4  	font-family: sans-serif;
5  	font-size: 1em;
6  	line-height: 1.5em;
7  	margin: 0;
8  	padding: 0;
9  	overflow-x: hidden;
10  }
11 
12  .carousel-item {
13  	height: 100px;
14  	overflow: hidden;
15  	background: no-repeat center center scroll;
16  	-webkit-background-size: cover;
17  	background-size: cover;
18  	-moz-background-size: cover;
19  	background-size: cover;
20  }
21 
22  .nav-item {
23  	/* styling for nav item */
24  	background: linear-gradient(90deg, rgba(136,23,29) 0%, rgba(240,240,240,1) 100%);
25  }
26 
27  /* Gradient number */
28 
29  .navbar {
30  	/* styling for navbar */
31  	background-color: #f0f0f0;
32  	/* styling for navbar */
33  	/* styling for number-number */
34  	/* styling for number-number */
35  	/* styling for number-number */
36  	/* styling for number-number */
37  	/* styling for number-number */
38  	/* styling for number-number */
39  	/* styling for number-number */
40  	/* styling for number-number */
41  	/* styling for number-number */
42  	/* styling for number-number */
43  	/* styling for number-number */
44  	/* styling for number-number */
45  	/* styling for number-number */
46  	/* styling for number-number */
47  }

```

Below the code, there is a comment section with 0 comments and a commit message: "0 comments on commit 09c30bd". At the bottom, there is a "Comment on this commit" button and a "Subscribe" link.

## CSS file: end of Sprint 2

## JS file: start of Sprint 2

Search or jump to... Pull requests Issues Marketplace Explore

234567812 / Gravity---Team-Project

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Add files via upload [Browse files](#)

master

234567812 committed 9 days ago [Verified](#)

1 parent [661a019](#) commit [baaadfc8e7d1d1a767c4770a0a158d7c6d8d4](#)

Showing 1 changed file with 43 additions and 0 deletions. [Unified](#) [Split](#)

43 [diff](#) [file](#) [blob](#) [raw](#) [blame](#) [history](#) [tree](#) [diff-tree](#) [commit](#) [diff](#) [patch](#)

diff --git a/js/custom.js b/js/custom.js

index 0-0..1..153 60

+++ +@@ -1,153 +1,153 @@

+ filterselection("all")

+ function filterselection(c) {

+ let x, i;

+ x = document.getElementsByClassName("filterlist");

+ if (c == "all") c = "-";

+ for (i = 0; i < x.length; i++) {

+ removeClass(x[i], "show");

+ if (x[i].classList.indexOf(c) > -1) addClass(x[i], "show");

+ }

+ }

+ function addClass(element, name) {

+ let arr1, arr2;

+ arr1 = element.classList.split(" ");

+ arr2 = name.split(" ");

+ for (i = 0; i < arr2.length; i++) {

+ if (arr1.indexOf(arr2[i]) == -1) {

+ arr1.push(arr1.indexOf(arr2[i]), i);

+ }

+ }

+ function removeClass(element, name) {

+ let i, arr2;

+ arr2 = element.classList.split(" ");

+ arr2 = name.split(" ");

+ for (i = 0; i < arr2.length; i++) {

+ while (arr2.indexOf(arr2[i]) > i) {

+ arr2.splice(arr2.indexOf(arr2[i]), 1);

+ }

+ }

+ element.className = arr2.join(" ");

+ }

+ // Add active class to the current button (highlight it)

+ let blistcontainer = document.getElementById("myBlistContainer");

+ let blist = blistcontainer.getElementsByClassName("blist");

+ for (let i = 0; i < blist.length; i++) {

+ blist[i].addEventListener("click", function() {

+ let current = document.getElementsByClassName("active");

+ current[0].classList.replace("active", "");

+ this.classList.add("active");

+ });

+ }

+ }

0 comments on commit [baaadfc](#) [Lock conversation](#)

Write Preview

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

[Comment on this commit](#)

## JS file: end of Sprint 2

234567812 / Gravity---Team-Project

**Update custom.js**

234567812 committed 1 minute ago | Verified | 1 parent f3c86d3 | commit 192341146e5f2f0340099c80ca85871aadaaf8110

Showing 1 changed file with 1 addition and 0 deletions.

```

1 // @ -1,42 +1,43 @@
2 function filterSelection(c) {
3     var x, i;
4     x = document.getElementsByClassName("filterDiv");
5     if (c == "all") c = "";
6     for (i = 0; i < x.length; i++) {
7         removeClass(x[i], "show");
8         if (x[i].className.indexOf(c) > -1) addClass(x[i], "show");
9     }
10 }
11
12     function addClass(element, name) {
13         var i, arr1, arr2;
14         arr1 = element.className.split(" ");
15         arr2 = name.split(" ");
16         for (i = 0; i < arr2.length; i++) {
17             if (arr1.indexOf(arr2[i]) === -1) {element.className += " " + arr2[i];}
18         }
19     }
20
21     function removeClass(element, name) {
22         var i, arr1, arr2;
23         arr1 = element.className.split(" ");
24         arr2 = name.split(" ");
25         for (i = 0; i < arr2.length; i++) {
26             while (arr1.indexOf(arr2[i]) > -1) {
27                 arr1.splice(arr1.indexOf(arr2[i]), 1);
28             }
29         }
30         element.className = arr1.join(" ");
31     }
32
33 // Add active class to the current button (highlight it)
34 var btnContainer = document.getElementById("myBtnContainer");
35 var btns = btnContainer.getElementsByClassName("btn");
36 for (var i = 0; i < btns.length; i++) {
37     btns[i].addEventListener("click", function(){
38         var current = document.getElementsByClassName("active");
39         current[0].className = current[0].className.replace(" active", "");
40         this.className += " active";
41     });
42 }
43 +

```

0 comments on commit 1923411 | Lock conversation

Write Preview

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Comment on this commit

Subscribe | You're not receiving notifications from this thread.

g) Show evidence of code and artifact reviews by the team members

History for Gravity--Team-Project / Galway 2020 / index.html

Commits on Mar 11, 2020
Update index.html 234567812 committed 7 days ago
Commits on Mar 10, 2020
Update index.html 234567812 committed 8 days ago
Commits on Mar 9, 2020
Update index.html 234567812 committed 9 days ago
Commits on Feb 29, 2020
Update index.html edzaans-git committed 18 days ago
Update index.html edzaans-git committed 18 days ago
Update index.html edzaans-git committed 18 days ago
Commits on Feb 28, 2020
Update index.html 234567812 committed 19 days ago
Update index.html 234567812 committed 19 days ago
Rename index - Copy.html to index.html 234567812 committed 19 days ago

History for Gravity--Team-Project / Galway 2020 / css / custom.css

Commits on Mar 11, 2020
Update custom.css 234567812 committed 7 days ago
Commits on Mar 10, 2020
Update custom.css 234567812 committed 8 days ago
Updated css file 10/03/2020 edzaans-git committed 8 days ago
Commits on Mar 9, 2020
Update custom.css 234567812 committed 9 days ago
Commits on Mar 8, 2020
Updated custom.css file edzaans-git committed 10 days ago
Commits on Feb 29, 2020
Add files via upload edzaans-git committed 18 days ago

## History for Gravity--Team-Project / Galway 2020 / js / custom.js

Commits on Mar 11, 2020
Update custom.js 234567812 committed 7 days ago
Commits on Mar 9, 2020
Add files via upload 234567812 committed 9 days ago

Author	Label	Projects	Milestones	Reviews	Assignee	Sort
234567812	Verified	Galway 2020	Custom CSS	1		
234567812	Verified	Galway 2020	Custom CSS	2		
234567812	Draft	Galway 2020	Custom CSS	4		

## Update custom.js for review and testing #5

Open 234567812 wants to merge 1 commit into master from 234567812-patch-3

Conversation 1 Commits 1 Checks 0 Files changed 1

234567812 commented 8 days ago review needed

minhtran365411 approved these changes 7 days ago

```
Galway 2020/js/custom.js
30      element.className = arr1.join(" ");
31    }
32    ...
33    - // Add active class to the current button (highlight it)
34    +
35    let btnContainer = document.getElementById("myBtnContainer");
36    let btns = btnContainer.getElementsByTagName("button");
37    for (let i = 0; i < btns.length; i++) {
38      ...

```

Comment on lines 30 to 36

minhtran365411 7 days ago I can see javascript is functioning the way it should be, the filter is working well.

Reply...

Reviewers minhtran365411

Assignees No one—assign yourself

Labels None yet

Projects None yet

Milestone No milestone

Linked issues Successfully merging this pull request may close these issues.

Notifications Customize Unsubscribe



Screenshot of a GitHub Pull Request page for issue #3, titled "Update index.html". The pull request has 33 commits from user 234567812 into branch patch-1 from master. It is currently a draft.

**Review required.**

**Reviewers:** minhtran365411 (checked)

**Assignees:** No one—assign yourself

**Labels:** None yet

**Projects:** None yet

**Milestone:** No milestone

**Linked issues:** Successfully merging this pull request may close these issues. None yet.

**Notifications:** Customize | Unsubscribe

You're receiving notifications because you authored the thread.

**Participants:** 4 participants (minhtran365411, 234567812, another user, another user)

**Lock conversation:**

**Comment on lines 104 to 123:**

minhtran365411 8 days ago Contributor Category for different price range is working perfectly, all buttons are clickable

**Reply...**

**Resolve conversation:**

**Comment on lines 127 to 144:**

minhtran365411 8 days ago Contributor Empty cards for different hotels, nothing appears at the moment after clicking on price range.

234567812 8 days ago • edited Author Owner Links not working as waiting for final hotel and restaurant list.

**Reply...**

**Resolve conversation:**

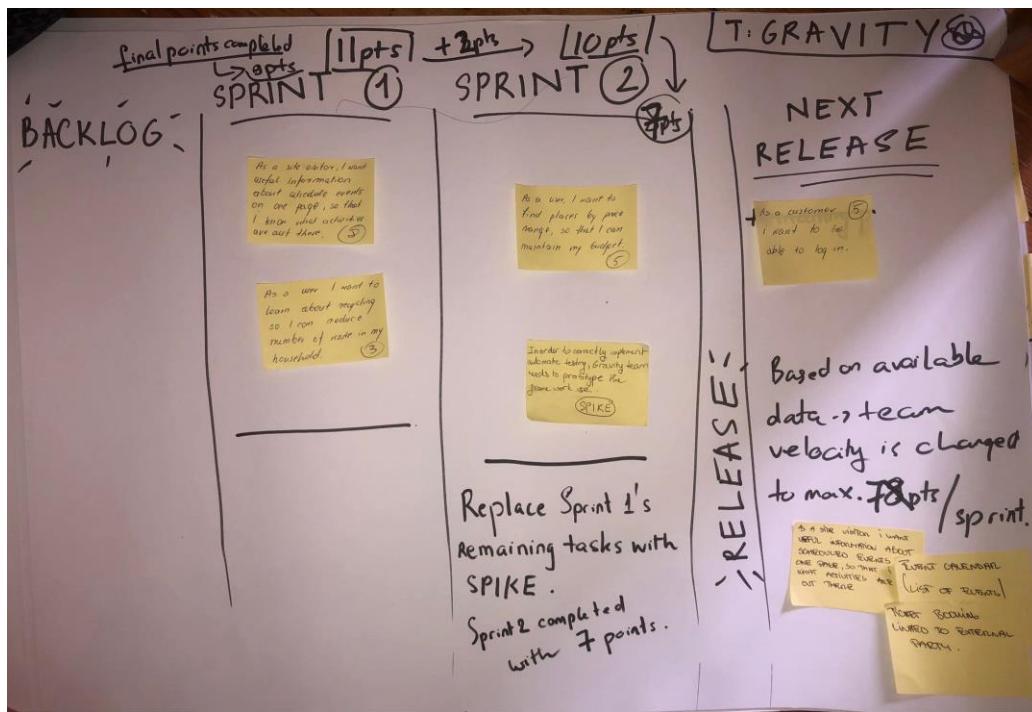
- h) Links to associated documentation, document revisions, document reviews by the team, related to the project, stored in GitHub, including release plan(s), release burn down(s), sprint plan(s), Scrum board snapshots, sprint burndown chart snapshots, product backlog, team photo, inception deck, test plans, tests scripts, test results, DOD, DOR, Team working agreement, risks, brainstorming sessions, stories, etc...

[This is the link to GitHub repository.](#)

[This is the link to Jira Project.](#)

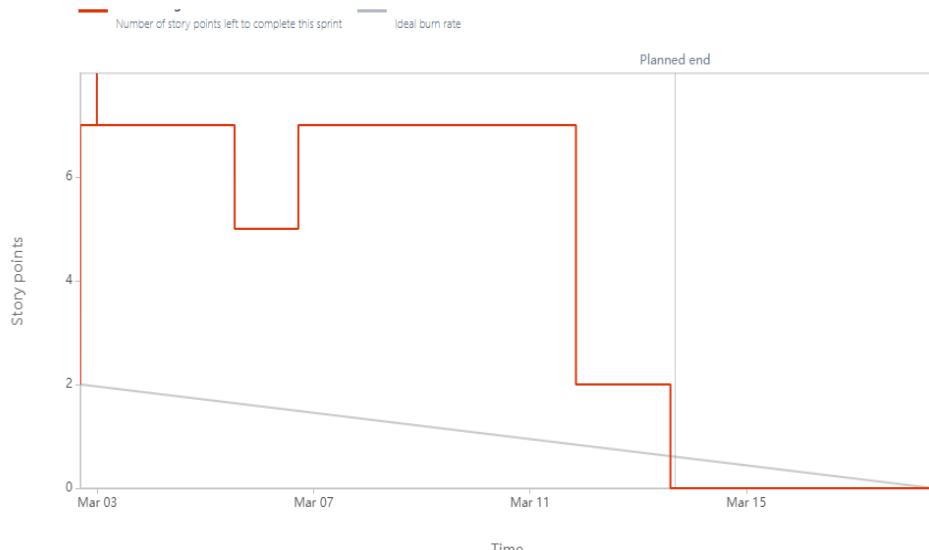
[This is the link to TEAMS.](#)

- i) Update release plan and release burndown chart after end of sprint 2



Img 1.2.2.j.1 - Release Plan after the end of Sprint 2

## Sprint burndown chart

[How to read t](#)

Img 1.2.2.j.2 - Release Burn Down Chart after the end of Sprint 2

- j) Flipchart sheets, stickies, explanations to show evidence of team brainstorming, confidence votes, etc....

## Velocity report

[How to read this report](#)

## 7.4 Summary

As we continue working on tasks during sprint 2, change in form of Spike story was added to backlog. Team than had to decide, which story will be removed from sprint back to backlog. PO and team chose to remove story that was brought to sprint 2 from sprint 1 as incomplete. Spike story was sized with 2 story point.

Working on Spike proved to be the most difficult task, team faced to date. After extensive research, everyone on the team was still unsure how to approach the subject. One of the issues was automated testing. While trying to access tools available online, we were unable as a lot of them is not free and only available for businesses even for trial period.

---

## 8. Summary and Conclusion

---

The project started on January 15th, 2020 and ended on March 19th, 2020. Throughout the process, Gravity team has been getting together to discuss team's roles, the topic of projects, carry out brainstorming sessions and stand-up meetings, working on agile process before sprints, release one plan with two sprints, the team hit several issues during sprints but all are resolved at the end of sprint 2 thanks to effective communication and sprint retrospectives.

The team agreed on having usual stand-up meetings to keep it up to date with progress, and if any team member has issues with tasks, they have to report it to the team after 2 days of none progressing, so that team can seek for alternative solutions. We also have 3 others medium for communication and sharing files, which are Facebook Messenger, Microsoft TEAMS and GitHub, Jira is also used for tracking agile project's progress.

Team recognized that the most significant factor of agile project is to communicate productively - so have daily stand-up meetings is a must – as it helps all team members to understand the stage of the project, where each member is at and how can members collaborate to produce the best result that meets the requirements, definition of done and not extended deadlines. And by communicating, developing team can inform Product Owner what is not working or being underestimated; as in our first sprint, our team velocity was 11 points/sprint, and team failed to reach requirements, so after meeting, team velocity reduced to 7 points/sprint and Gravity team was able to deliver qualified stories on time.

In conclusion, our team gets to know more about agile developing process and how to effectively communicate during working as both team member and individual worker, needless to indicate, Gravity team succeed in implementing functioning "*Galway 2020*".

---

## 9. Appendix 1

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Link to OneNote document:

[https://galwaymayoinstitute.sharepoint.com/:o/s/Gravity-ProjectManagement/EuOn3uLpH\\_5OjBSOz6eXCRcBpJThl7HeqFCyIUne96KcPA?email=G00364903%40gmit.ie&e=jVxW7s](https://galwaymayoinstitute.sharepoint.com/:o/s/Gravity-ProjectManagement/EuOn3uLpH_5OjBSOz6eXCRcBpJThl7HeqFCyIUne96KcPA?email=G00364903%40gmit.ie&e=jVxW7s)



**Team: Gravity**  
**Project's name: GALWAY 2020**

**Team's members:**

Name	ID	Role
Minh Tran	G00365411	Product Owner
Katarzyna Krakowska	G00364903	Scrum Master
Edgars Becs	G00377012	Programmer
Stephen Melly	G00334648	Tester
Thomas Burke	G00362619	Programmer

**Overall goal of the project:**

- Provide people with easy access to information
- Provide ideas about Galway 2020
- Create multipage website
- Increase awareness about environment
- Assist people with valuable and interesting information about Galway for them to have the most enjoyable time during Galway 2020

## I. Progress made from week 1 to week 3:

### 1. Planning

- The goals for the week

For the first 3 weeks, what we aimed for were to specify and be clear on the purpose of project, what it is (web or app), what it contains, who are its audience, its structure, the roles of members, our deadlines and our technical methods in coding, communicate and collaborate as a team.

- What each team's member planning to work on

- a. Minh Tran

- Ideas for project
- Carry out a brainstorming session to get all ideas of members about project's topic then combine them to reach the final decision
- Filled in the Inception Deck
- Prepare user stories
- Define user story definition of READY and DONE

- a. Katarzyna Krakowska

- Project idea and team name
- Stand-up meetings and brainstorming session
- Inception deck
- Teamwork agreement
- User stories
- Upload files to GitHub
- Link GitHub with Jira software

- b. Edgars Becs

- Generate ideas for project
- Participate at Team meetings.
- Set up Jira and add all team members.
- Ideas for User Stories.
- Ideas for project name.

- a. Stephen

- Attend Team Meetings
- Look into Acceptance tests
- Mock Wireframes

- d. Thomas

- Idea's on user story's
- Set up GitHub
- Ideas for project
- Stand up meetings

- Lists of issues

- Unsure about some parts of Inception Deck
- Misunderstanding within team about what need to be done
- Different ideas about project's topic
- Communication channel – whether should it be TEAMS or Messenger

## 2. Progress

- Progress made on goals
  - Team name chosen
  - Project selected
  - GitHub for project set up
  - Jira set up
  - Inception deck completed
  - User stories completed
  - User story definition READY and DONE prepared
  - Teamwork Agreement done
- What each team's member accomplished/achieved
  - a. Minh Tran
    - Completed filling out the Inception Deck with team
    - Reached the final decision about project's topic
    - Had user story definition of READY and DONE ready
  - b. Katarzyna Krakowska
    - Successfully participated in team stand-up meetings and brainstorming sessions
    - Completed Inception Deck
    - Prepared user stories
    - Work on Team Working Agreement
    - Design team logo
  - c. Edgars
    - Participated in Team meetings
    - Generated ideas for user stories for project
  - d. Stephen
    - Participated in team meetings
    - Contributed to design of wireframes
  - e. Thomas
    - participated in stand-up meetings
    - GitHub set up
- Issues resolved/unresolved/new
  - Solved: Inception Deck by asking the lecture and some online research
  - Solved: Reach agreement about project
  - Solved: Communicate via Messenger, Documents will be on TEAMS and shared artifacts are all on GitHub

## 3. Event Details

- Team's meeting:
  - Team name chosen
  - Project ideas generated
  - User stories written

- Brainstorming sessions
  - Project selected
  - Inception deck completed
- 4. Artifacts
  - Project backlog

## II. Progress made in week 4:

1. Planning
  - The goals for the week
    - Definition of READY and DONE
    - Team Working Agreement
    - Story sizing tools
    - User stories
    - Prepare Project Planning and Progress reporting using One Note
  - What each team's member planning to work on
    - a. Minh Tran
      - Complete project's backlog with team
      - Definition of READY and DONE
      - Carry out a meeting to size user stories with team, together with 3C methods.
      - Set up a Project Planning & Progress Brief using OneNote on TEAMS
    - b. Katarzyna Krakowska
      - Prepare Team Working Agreement
      - Complete project's backlog with team
      - Fill in section in Project Planning document
      - Carry out a meeting to size user stories with team, together with 3C methods
      - Complete final step in sizing user stories using Planning Poker tool
      - Participate in Stand-up meetings and brainstorming sessions
      - Upload files to GitHub
      - Link GitHub with Jira software
    - c. Edgars
      - Add stories to Project Backlog on Jira.
      - Research on User Story sizing.
      - Work on Project Planning document.
      - Work on Teamwork Agreement.
    - d. Stephen
      - Work on Project Backlog with the team
      - Attend Meeting
      - Poker panning tool

- e. Thomas
    - o participate in team stand-up meetings
    - o participate poker planning tool
    - o Carry out a meeting to size user stories with team, together with 3C methods
  - Lists of issues
    - o User stories 3C
2. Progress
- Progress made on goals
    - o Definition of READY and DONE completed
    - o Team Working Agreement completed
    - o Planning Poker tools used to size user stories
    - o Prepare Project Planning and Progress reporting using One Note
  - What each team's member accomplished/achieved
    - . Minh Tran
      - o A Project Planning & Progress Brief OneNote file is already on TEAMS and will be filled in weekly to update project's progress
      - o Completed definition of READY and DONE
      - o Sized stories with teams using Planning Poker
      - o Captured outputs of meeting & brainstorming session
    - a. Katarzyna Krakowska
      - o Completed section of Project Planning document
      - o Prepared Team Working Agreement
      - o Completed project's backlog with team
      - o Complete final step in sizing user stories using Planning Poker tool
      - o Participated in Stand-up meetings and brainstorming sessions
      - o Uploaded files to GitHub
      - o Linked GitHub with Jira software
    - b. Edgars
      - o Finalized User stories and sizing that were added to Project Backlog.
      - o Filled section in Project Planning.
    - d. Stephen
      - o Worked on Project Backlog with the team
      - o Attended Meeting
      - o Participated Poker panning tool
    - e. Thomas
      - o participated in team stand-up meetings
      - o participated poker planning tool
  - Issues resolved/unresolved/new
    - o Team members researched user stories to get better idea how to approach issue

2. Event Details
  - Team's meeting
    - Discuss user stories for project
  - Brainstorming sessions
    - User stories sized using Planner Poker tool
    - Team Working Agreement discussed
3. Artifacts
  - Project backlog

### **III. Progress made in week 5:**

1. Planning
  - The goals for the week
    - Hold a release planning meeting
    - Create an agile release plan
      - Estimate team velocity
      - Prioritized stories from the backlog
      - Release duration
    - Create a release burndown chart.
    - Team confidence vote
    - Design and document method of confidence voting
    - Create a sprint plan
    - Participation in team stand up meeting
    - Brainstorming in preparation for Sprint
  - What each team's member planning to work on
    - a. Minh Tran
      - Take part in stand-up meeting
      - Take part in brainstorming session in preparation for first Sprint
    - b. Katarzyna Krakowska
      - Research agile release plan and prepare for first Sprint
      - Take part in stand-up meeting
      - Take part in brainstorming session in preparation for first Sprint
      - Provide materials for brainstorming and planning meetings
    - c. Edgars
      - Took part in standup meeting
      - Prepared possible Stories for first Sprint
    - b. Stephen
      - Take part in brainstorming for Sprint 1
      - Attend meeting
      - Have material researched for the meeting
    - e. Thomas
      - Take part in brainstorming
      - Attend meeting

- Research for meeting
- Lists of issues
  - No issues related to the project
- 2. Progress
  - Progress made on goals
    - No significant progress made at this stage
  - What each team's member accomplished/achieved
    - a. Minh Tran
      - Participation in team stand up meeting
      - Participation in brainstorming session with one other team member
    - b. Katarzyna Krakowska
      - Participation in team stand up meeting
      - Participation in brainstorming session with one other team member
    - c. Edgars
      - Participated in standup meeting
      - Proposed User Stories to team members
    - d. Stephen
      -
    - e. Thomas
      - Participation in team stand up meeting
      - Participation in brainstorming session with one other team member
  - Issues resolved/unresolved/new
    - No issues related to project
- 2. Event Details
  - Team's meeting
    - Discussed progress made to date and start preparing for release plan
  - Brainstorming sessions
    - Discussed steps leading to first Sprint and materials for brainstorming and planning meetings
- 3. Artifacts
  - No artifacts produced.

#### IV. Progress made in week 6:

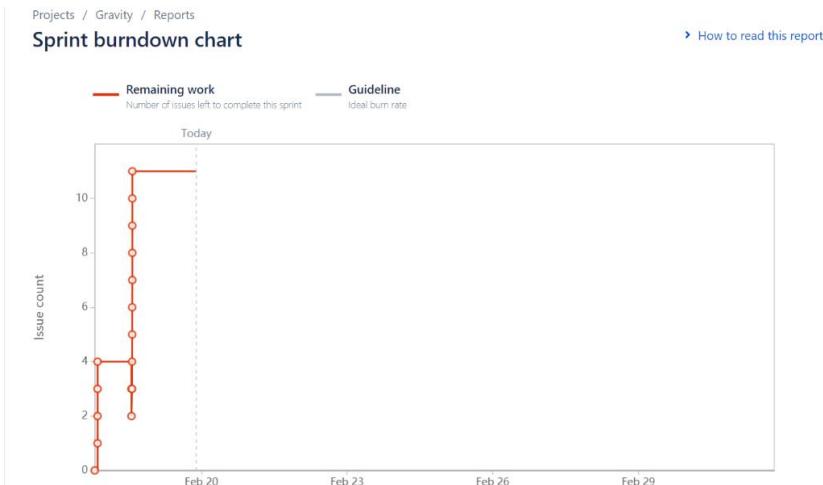
##### 1. Planning

- The goals for the week
  - Hold a release planning meeting
  - Create an agile release plan
  - Estimate team velocity
  - Prioritized stories from the backlog
  - Release duration
  - Create a release burndown chart.
  - Team confidence vote
  - Design and document method of confidence voting
  - Create a sprint plan
  - Participation in team stand up meeting
  - Brainstorming in preparation for Sprint
  - Start of Sprint 1 (duration – 2 weeks)
- What each team's member planning to work on
  - a. Minh Tran
    - Carry out a release plan meeting
    - Define prioritize stories with team
    - Estimate team velocity
    - Produce scrum board
    - Sprint plan
    - Description for sprint planning meeting
    - Participate in Stand-up meetings and Sprint Stand-up meetings
    - Start Sprint 1 (complete tasks related to user stories)
  - b. Katarzyna Krakowska
    - Carry out a release plan meeting
    - Create an agile release plan
    - Define prioritize stories with team
    - Estimate team velocity
    - Produce scrum board
    - Sprint plan
    - Participate in Stand-up meetings and Sprint Stand-up meetings
    - Start Sprint 1 (complete tasks related to user stories)
  - c. Edgars
    - Participate in Scrum meetings
    - Define User Stories/tasks and add them to Jira.
    - Size User Stories/tasks according to Team Velocity
    - Create Burn Down chart in Gira
    - Start Sprint 1
  - d. Stephen
    - Attend release plan meeting
    - Assist in velocity estimation

- Assist in creating scrum board
  - Start Sprint 1
- e. Thomas
- Start sprint 1
  - Define prioritize stories with team
  - Produce scrum board
  - Participate in stand-up meeting & sprint stand up meeting
- Lists of issues
    - Creating baseline in GitHub
    - Unsure of resultant sprint planning
    - Issue with setting up Jira
    - Setting up connection to database
2. Progress
- Progress made on goals
    - Completed release plan, with prioritize stories assigned to sprints.
    - Released burn down chart
    - Estimated team velocity
    - Carried out scrum/tasks board
    - Confidence vote within team with positive result
    - Have burndown chart/ backlogs/tasks on Jira
    - Artefacts for the first sprint
    - Description for sprint planning meeting, sprint goals and resultant sprint planning
    - Sprint 1 in progress (team working on tasks)
  - What each team's member accomplished/achieved
    - a. Minh Tran
      - Had the meeting carried out successfully following all the steps
      - Collected artefacts during meeting
      - Written down the description of the meeting
    - b. Katarzyna Krakowska
      - Successful Release Planning meeting
      - Released burn down chart
      - Estimated team velocity
      - Confidence vote
      - Scrum/tasks board
      - Confidence vote with positive result
      - Burndown chart/ backlogs/tasks on Jira
      - Artefacts for the first sprint
      - Sprint goals and resultant sprint planning
      - Sprint 1 in progress (working on selected tasks)
    - c. Edgars
      - Attended team meeting
      - Researched User Story/Task sizing

- Updated Jira Backlog
  - Started Sprint 1
  - Started working on assigned tasks
  - d. Stephen
    - Attended release plan meeting
    - Assisted in velocity estimation
    - Assisted in creating scrum board
    - Started Sprint 1
    - Participated in Confidence vote
    - Created template Burndown Chart
  - e. Thomas
    - Participation in confidence vote
    - Participation in team stand up meeting
    - Confidence vote
    - Task board
    - Sprint one in progress working on selected task
  - Issues resolved/unresolved/new
    - Researched sprint goals
    - Researched resultant sprint plan
    - Resolved: Setting up Jira
    - Resolved: How to set up and follow scrum board
    - Resolved: connecting to database
3. Event Details
- Team's meeting
    - Team gathered to bring out a meeting for release plan and aim on the first sprint goals, all process is carried out respectively
    - Stand-up meeting
  - Brainstorming sessions
    - Discussion on release plan, assigned stories, team velocity and task boards

#### 4. Artifacts



## V. Progress made in week 7:

### 1. Planning

- The goals for the week
  - Complete sprint 1 with its tasks
  - Update scrum board daily
  - Have burn down chart up to date
  - Stand up meeting with teams daily to keep up with sprint 1
- What each team's member planning to work on
  - a. Minh Tran
    - My tasks to complete sprint 1
    - Attend on daily stand up meeting
    - Update scrum board
    - Reflect on the first sprint to prepare for next sprint
  - b. Katarzyna Krakowska
    - Complete tasks in Sprint 1
    - Attend stand up meeting
    - Update scrum board
    - Update Jira
    - Update GitHub
    - Demo and Retrospective for Sprint 1
  - c. Edgars
    - Participate in Scrum Meetings
    - Research on how to set up Baseline for project
    - Work on assigned tasks
    - Update GitHub account with code and pictures/logo
    - Reflect on Sprint 1
  - d. Stephen
    -
  - e. Thomas
    - Complete task for sprint 1
    - Attend stand up meetings
    - Reflect on sprint
- Lists of issues
  - Fall behind sprint
  - Problem with GitHub set up
  - Team velocity need to be re-estimated

### 2. Progress

- Progress made on goals
  - Follow on the scrum plan
  - Sprint 1 complete
  - Updated scrum board
  - Burn down chart up-to-date
  - Stand up meeting with teams

- What each team's member accomplished/achieved
  - a. Minh Tran
    - Completed my task for sprint 1
    - Carried sprint meeting sessions with team to get scrum board up to date
  - b. Katarzyna Krakowska
    - Completed tasks for sprint 1
    - Carried sprint meetings
    - Updated GitHub
    - Updated Jira
  - c. Edgars
    - Attended Scrum Meetings
    - Finished assigned tasks
    - Participated in Sprint 1 reflection meeting
    - Researched Testing tools and Software
  - d. Stephen
    -
  - e. Thomas
    - Completed task for sprint 1
    - Attended meetings
- Issues resolved/unresolved/new
  - GitHub set up complete
  - Jira set up complete
  - Team velocity need to be updated based on data from Sprint 1

3. Event Details
  - Team's meeting
    - Stand up meeting during Sprint as well as regular weekly Stand up meeting to discuss progress
  - Brainstorming sessions
    - Tasks selection
    - Issues with GitHub set up
4. Artifacts
  - Burn down chart

## VI. Progress made in week 8:

1. Planning
  - The goals for the week
    - Updated Release plan after sprint
    - Updated Release plan burndown chart after sprint
    - Sprint 2 plan (Stories and related tasks, sprint goals, sprint confidence vote, risks)

- Sprint 2 Initial daily Scrum board
  - Sprint 2 Initial Sprint burndown chart
    - Estimate team velocity based on data from Sprint 1
    - Prioritized stories from the backlog
    - Release duration
  - Participation in team stand up meeting
  - Brainstorming in preparation for Sprint
  - Start of Sprint 2 (duration – 2 weeks)
  - Remove 1 story from Sprint 2
  - Introduces a new SPIKE story into the backlog
- What each team's member planning to work on
- a. Minh Tran
    - Start Sprint 2 with assigned task
    - Work on articles for calendar
    - Update scrum task board
    - Communicate with team for better performance on this sprint
  - b. Katarzyna Krakowska
    - Sprint 2 preparation
    - Participate in Stand-up meetings and Sprint Stand-up meetings
    - Start Sprint 2 (complete tasks related to user stories)
    - SPIKE story
    - Automated testing
  - c. Edgars
    - Participate in standup meetings
    - Address issues from Sprint 1
    - Research on Spike story
    - Research on Testing
  - d. Stephen
    -
  - e. Thomas
    - Participate in Stand-up meetings and Sprint Stand-up meetings
    - Start sprint 2
- Lists of issues
- i. Spike story – research needed
2. Progress
- a. Progress made on goals
    - Released burn down chart
    - Estimated team velocity based on Sprint 1 data (change from 11 to 7 pts)
    - Updated scrum/tasks board
    - Confidence vote within team with positive result complete
    - Burndown chart/ backlogs/tasks on Jira updated

- Sprint 2 in progress (team working on tasks)
  - Burn down chart up to date
  - Frequent Stand up meetings with team are carried out
  - What each team's member accomplished/achieved
    - a. Minh Tran
      - Had the meeting carried out successfully following all the steps
      - Collected artefacts during meeting
      - Written down the description of the meeting
      - Research about spike, with team together discuss on with ditory to drop
    - b. Katarzyna Krakowska
      - Updating charts
      - Estimated team velocity
      - Scrum/tasks board updated
      - Participated in confidence vote with positive result
      - Burndown chart/ backlogs/tasks on Jira updated
      - Sprint goals and resultant sprint planning written
      - Sprint 2 in progress (working on selected tasks)
      - Working on Spike story research
    - c. Edgars
      - Participated in a meeting
      - Addressed issues from Sprint 1
      - Participated in updating Jira software
      - Work done on Sprint 2 assigned tasks
    - d. Stephen
      -
    - e. Thomas
      - Participated in Stand-up meetings and Sprint Stand-up meetings
      - Sprint 2 in progress
      - Participate in Confidence vote
  - Issues resolved/unresolved/new
    - Research on Spike story in progress
3. Event Details
- Team's meeting
    - Stand-up meeting
    - Sprint Stand-up meetings
  - Brainstorming sessions
    - Discussion on Spike story
4. Artifacts
- Burndown chart/ backlogs/task board updated

## VII. Progress made in week 9:

### 1. Planning

- The goals for the week
  - Complete sprint 2
  - Update scrum board daily
  - Have burn down chart up to date
  - Stand up meeting with teams daily to keep up with sprint 2
  - Brainstorming regarding Spike story
  - Select story to remove from Sprint 2
  - Brainstorming to summarize Sprint 2
- What each team's member planning to work on
  - a. Minh Tran
    - Attend on daily stand up meeting
    - Update scrum board
    - Update Release Burndown char
    - Reflect on the Sprint 2
  - b. Katarzyna Krakowska
    - Complete tasks in Sprint 2
    - Attend stand up meetings and brainstorming meetings
    - Update Scrum Board
    - Update Release Burndown char
    - Update Jira
    - Update GitHub
    - Prepare for Demo and Retrospective for Sprint 2
  - c. Edgars
    - Attend a meeting
    - Complete tasks assigned on Sprint 2
    - Uploaded files to GitHub
    - Participated in updating Scrum board
  - d. Stephen
    -
  - e. Thomas
    - Attend meetings
    - Update scrum board
- Lists of issues
  - Not clear on Spike story
  - Tests not implemented correctly

### 2. Progress

- Progress made on goals
  - Sprint 2 complete
  - Updated scrum board

- Burn down chart up to date
- Stand up meetings with teams
- Spike story created
- What each team's member accomplished/achieved
  - a. Minh Tran
    - Completed task for sprint 2
    - Carried sprint meeting sessions with team to get scrum board up to date
    - Updated Scrum Board
    - Updated Release Burndown char
  - b. Katarzyna Krakowska
    - Completed tasks in Sprint 2
    - Attended stand up meetings and brainstorming meetings
    - Updated Scrum Board
    - Updated Release Burndown char
    - Updated Jira
    - Updated GitHub
  - c. Edgars
    - Tasks completed for Sprint 2
    - Participated in Scrum board update
    - All relevant files uploaded and updated in GitHub
  - d. Stephen
    -
  - e. Thomas
    - Updated scrum board
    - Attended meeting's
- Issues resolved/unresolved/new
  - Spike story done
  - Tests not implemented correctly (not resolved)

### 3. Event Details

- Team's meeting
  - Stand up meeting during Sprint as well as regular weekly Stand up meeting to discuss progress
- Brainstorming sessions
  - Tasks selection
  - To discuss tests and set up of Spike story

### 4. Artifacts

- Burn down chart
- Sprint board
- Release plan burndown chart
- Updated Backlog

## VIII. Progress made in week 10:

### 1. Planning

- The goals for the week
  - Retrospective and Demo
  - Brainstorming in preparation for Assignment 6
- What each team's member planning to work on
  - a. Minh Tran
    - Participation in Retrospective (survey)
    - Participation in Demo/Review (MS Teams meeting)
  - b. Katarzyna Krakowska
    - Participation in Retrospective (survey)
    - Participation in Demo/Review (MS Teams meeting)
  - c. Edgars
    - To participate in a meeting
    - To participate in Retrospective and Sprint Demo
  - d. Stephen
    -
  - e. Thomas
    - Participation retrospective survey
    - Participation demo
- Lists of issues
  - Due to College lock-down, all communication needs to be online

### 2. Progress

- Progress made on goals
  - Retrospective and Demo completed
  - Team discussed assignment 6
- What each team's member accomplished/achieved
  - a. Minh Tran
    - Participation in Retrospective (survey submitted via Google Forms)
    - Participation in Demo/Review (MS Teams meeting – video recorder)
    - Participated in online brainstorming meeting about assignment 6
  - b. Katarzyna Krakowska
    - Participation in Retrospective (survey submitted via Google Forms)
    - Participation in Demo/Review (MS Teams meeting – video recorder)
    - Participated in online brainstorming meeting about assignment 6
  - c. Edgars
    - Participated in a Demo Meeting with all team members and PO

- Filled the Retrospective survey so team could better understand issues we had during Sprints
- d. Stephen
  -
- e. Thomas
  - Participation in Retrospective (survey submitted via Google Forms)
  - Participation in Demo/Review (MS Teams meeting – video recorder)
  - Participated in online brainstorming meeting about assignment 6
- Issues resolved/unresolved/new
  - Team successfully communicates using Messenger and MS Teams
- 3. Event Details
  - Team's meeting
    - Stand up meetings moved online (finalized assignment 5c)
  - Brainstorming sessions
    - Communication online (discussion on assignment 6)
- 4. Artifacts
  - Updated Release plan
  - Updated Release plan burndown chart
  - Updated Backlog
  - Updated Sprint 2 daily Scrum board

## VIII. **Progress made in week 11:**

1. Planning
  - The goals for the week
    - Complete assignment 6 (group work)
    - Complete contribution evaluation form (individual work)
  - What each team's member planning to work on
    - a. Minh Tran
      - Complete assignment 6
      - Finish up project plan (group's journal)
      - Complete individual & peer contribution evaluation form
    - b. Katarzyna Krakowska
      - Create document for assignment 6 containing previous assignment
      - Write introduction and summary for selected sections
      - Analyze and evaluate the work contribution of individual team members
      - Complete final week of Team Project Planning and Progress journal
    - c. Edgars
      - To complete Individual report
      - To review Assignment 6 and fill necessary parts related to project/tasks
      - Review previous assessments

- d. Stephen
    - o
  - e. Thomas
    - o Finnish assignment 6
    - o Work on Individual & peer evaluation
  - Lists of issues
    - o No issues
2. Progress
- Progress made on goals
    - o Document for assignment 6 containing previous assignment uploaded to MS Teams
  - What each team's member accomplished/achieved
    - a. Minh Tran
      - o Filled in assignment 6 (summary for the project)
    - b. Katarzyna Krakowska
      - o Created document for assignment 6 containing previous assignment
      - o Wrote introduction and summary for selected sections (Project introduction, introductions and summary for assignments: 1, 2, 5C)
      - o Analyzed and evaluated the work contribution of individual team members and my own
      - o Completed final week of Team Project Planning and Progress journal
    - c. Edgars
      - o Corrected previous assessment introduction/summary
  - d. Stephen
    - o
  - e. Thomas
    - o Wrote and introduction for part 5a for assignment 6
    - o Completed Project Individual Contribution and Peer Evaluation
- Issues resolved/unresolved/new
  - o No issues
3. Event Details
- Team's meeting
    - o Online meeting to discuss progress on final assignment
  - Brainstorming sessions
    - o Communication online regarding assignment 6
4. Artifacts
- No artifacts produced

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## 10. Reference

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