Project Report 6: Individual student final project write up, reflection, pre-recorded Demo and Individual/Peer Contribution and Evaluation report.

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Team name
Breaking Bad

Project Name
AllergyDelight

Team members
Joshua Uzell – G00391557
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Anthony Sultanov - G00390720

Module Name
Project Management

Assignment Info
Individual student final project writes up, reflection, pre-recorded Demo and Individual/Peer Contribution and Evaluation report

Assignment Description Introduction:
1. Write a report describing the project solution, describing your contribution to the project and, reflecting on the processes, tools, techniques, experiences, and interactions etc. that you encountered in developing the solution from inception through to deployment.

2. Create a recorded demo that includes an introduction about your role and contribution to the project and a demo of the final working solution

3. Fill in and submit an Individual/Peer Contribution and Evaluation

Lecturer – Joseph Corr

Date: 4/4/2022

Project Solution Demo Link:

https://web.microsoftstream.com/video/13bedbce-6803-4bbf-a83f-dd2ae1915bba

Fig 1.

Introduction:

This is the final report of the project and is an individual report. In this report, I will be going over describing the project solution and including my contributions to the project and will be reflecting on my experience and interactions. I will also be doing a recorded demo of the product, showing what we came up with and how it works and what my roles were in developing the project and what I had contributed.

Product Introduction:

For our project, we created an app called AllergyDelight this is an app that helps people who have food allergies and would be a quick and easy way to find their favourite foods in one app that they can eat. For our development cycle, we chose to only add 3 restaurants due to time constraints and only a few menu items. You can enter your chosen restaurant and filter out your allergens and easily choose items you could eat. We also added pages so the user can go see the location and contact or redirect the user to the restaurant's online ordering site. We created a very user-friendly environment and a simple app so that it covers a big demographic. This app idea is something new and we chose it as we did not see anything like or similar to it on the market.

Project Reflection:

Requirements/Design:

Planning requirements is something that wasn't the best. This was due to us learning how to make requirements and Wireframes. At first, we made a very simple mockup but did not think too much in detail. We would change up how we did requirements such as making very in-depth wireframes and making requirements more concrete before starting the project. But overall, I think for our first time we did great but did have to change and add requirements that should have been initially made and when coding it created confusion with the team members. The design could be said the same as we did not make a concrete design at the start. The design was not uniform throughout the app.

Architecture:

For architecture we chose XAML and C# during the start of brainstorming architecture this is what we chose, but now that we have advanced in college, The team would have used Ionic and angular instead as it much more user friendly and have lots of documentation online that we could have used for special features such as API's and services so we could have of finishing the app instead of only creating one instance. Overall team was very educated in the architecture we used so therefore we used it. But next time for an app like ours it would have a different architecture.

Build/Testing:

Building the app went well but again as we chose the wrong architecture the team felt that time and more features could have been added if a different architecture was chosen. Testing was a poor aspect of our management, firstly as we are students who have not learned about unit testing therefore, we could not implement it, but even without this, there was a lot of slack in checking features added to code. Next time I think we could use tools such as verification and checks before code was added to the main branch of the project GitHub. Overall, with the knowledge, we knew of the architecture the app came out great for our skill level.

Technology/Tools:

The Tools and technology we used were very helpful for our progress in our project we used GitHub, Jira, and OneNote. We optimized GitHub to its full potential, but it could not be said for OneNote and Jira. For OneNote, we didn't utilize the section features which made us have no Table of Contents or Organization. This made it very hard to navigate and find things that were needed for the group reports. Jira was used mostly to specification, but Sprints were not started and instead of making sure items were marked DONE they were just deleted there some user stories are not saved for record purposes and the proper use of Jira would be needed if we did another project.

Team Dynamics:

Team dynamics were extremely well during our development cycle, we all worked together and finished the set-out goal. But with any team, there are always aspects to be improved on for upcoming cycles. Such as more frequent meetings and Attendance in-person meetings as efficiency can be higher when in person. Of course, due to circumstances meetings and schedules were different between team members along with college work. One aspect the team can improve on is communication. Telling other members if they cannot make meetings or if they are stuck on issues that need to be resolved from the development of the project.

1. ### Team Roles\Responsibility:

Roles and responsibilities were great in the group, although we did have some issues where a team member did not contribute fairly, In the future, this would need to be brought up in meetings as constructive criticism and this would help the project develop further. Roles assigned to members such as Tester, Scrum Master, and product owner were not 100% done as this was our first time and we learned how to become the role and play part in the project.

Conclusion:

In summary, our first time learning about the Scrum Project management framework went extremely well, I think that learning and having a practical on the framework have my and the team's real-life experience in how a company would use this framework. I found that making mistakes is crucial in learning and improving ad you can learn from your mistakes and in the next cycle, you can don't make them again. Also Learning new technology such as GitHub and Jira will help for future personal projects and college work. We also learned how important architecture can be within the project. Also, I think we came up with a new and fresh idea and we executed it well. With the architecture next time we would choose the ionic framework which uses TypeScript. Overall, I'm extremely happy with how the project came out and this has sparked a new idea that I can continue with my college mates, and it will be a great showcase of my skills, working within a team and using Jira and GitHub.

Link to OneNote

https://galwaymayoinstitute-my.sharepoint.com/:o:/r/personal/joseph_corr_gmit_ie/_layouts/15/Doc.aspx?sourcedoc=%7B8ff0a1e6-8a6b-45f5-a0ea-7bbbc7a798e8%7D&action=edit&wd=target(New%20Section%201.one%7Ce8569902-215f-43c1-ba0b-d3b8dde2b6c2%2FUntitled%20Page%7Cc344f81e-ef10-4965-8e96-68678a9dd940%2F)&cid=debfc958-554e-4bfb-8a04-ee1cfd848143

Link To GitHub:

https://github.com/rohansikder/AllergyDelight

Link To Jira:

https://breakingbad123.atlassian.net/jira/software/projects/BREAK/boards/1/roadmap

Team Meetings :

Team Meeting 1 Recording:
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Meetings/Recordings/View%20Only/Meeting%201-20220122_121911-Meeting%20Recording.mp4?web=1

Team Meeting 2 Recording:
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Meetings/Recordings/View%20Only/Meetings-20220130_120624-Meeting%20Recording.mp4?web=1

Team Meeting 3 Recording Part 1:
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Meetings/Recordings/View%20Only/Meetings-20220130_120624-Meeting%20Recording.mp4?web=1

Team Meeting 3 Recording Part 2:
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Meetings/Recordings/View%20Only/Meeting-20220131_182620-
Meeting%20Recording.mp4?web=1

Team Meeting 4 Recording Part 1 :
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared
%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FMeeting%2D20220213%5F125354%2DMeet
ing%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%
2FMeetings%2FRecordings%2FView%20Only

Team Meeting 4 Recording Part 2 :
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared
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90733%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%
20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting 5 – Release Plan and Sprint Meeting :
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent-ProjectTeam-
SD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FRelease%20and%20Sprint%2
0Meeting-20220221_153744-Meeting%20Recording.mp4&parent=%2Fsites%2FStudent-ProjectTeam-
SD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting 6 – Release Plan and Sprint Meeting Part 1:
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared
%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FMeeting%20%5F6%20Sprint%20and%20Rel
ease%20Plan%20Meeting%2D20220304%5F121115%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FSt
udent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting 6 – Release Plan and Sprint Meeting Part 2
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared
%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FMeeting%20%5F6%2E5%20Sprint%20and%
20Release%20plan%20Meeting%2D20220304%5F200212%2DMeeting%20Recording%2Emp4&parent=%2Fsites
%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Onl
y

Team Meeting 7 - Stand Up meeting
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Meetings/Recordings/View%20Only/Meeting%20_7_%20Stand%20Up%20Meeting%
20_-20220312_140645-Meeting%20Recording.mp4?web=1

Team Meeting 8 – Stand Up meeting – 15th Tue
https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-
SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared
%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FMeeting%20%5F8%5F%20Stand%20Up%20
Meeting%2D20220315%5F180815%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProject
Team%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting 9 - Team Agenda Sprint Retrospective and Release Plan and Sprint Meeting#2 – 21st Mon

https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FTeam%20Meeting%20%5F9%20%2D%20Standup%20Meeting%2D20220321%5F183142%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting #10 – Daily Stand-Up meeting

https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FTeam%20Meeting%20%5F10%20%5F%20Daily%20Stand%20up%20meeting%2D20220328%5F153042%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Team Meeting #11 – Last Meeting

https://galwaymayoinstitute.sharepoint.com/sites/Student-ProjectTeam-SD1/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only%2FMeeting%20%5F10%20%2D%20Last%20Meeting%20%2D%20Sprint%20Demo%5FRetrospective%20And%20Last%20details%20on%20Report%2D20220404%5F181217%2DMeeting%20Recording%2Emp4&parent=%2Fsites%2FStudent%2DProjectTeam%2DSD1%2FShared%20Documents%2FMeetings%2FRecordings%2FView%20Only

Plagiarism Statement

Declaration
By submitting this assignment, I declare that (except where appropriately referenced), this assignment was completed entirely by our team.
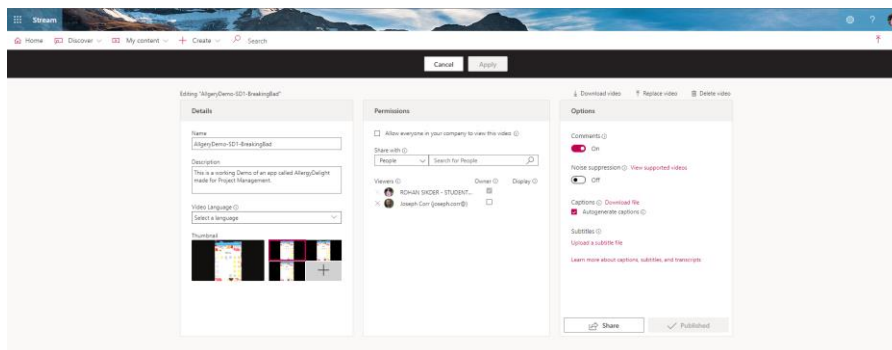
Appendix:

Fig 1.