# Personal Portfolio

Student: Yuchen Zhao

Student number：N9327762

Team Number：No.41

# 1.0 User case diagram

Description：This diagram is differ to last user case diagram, it is detailed than before, especially the release 2 part, which has been changed after release 1 finished. We have talked with our clients and transferred some part in release 2. Now this is the second version of the user case diagram, I have added some information in this diagram which could help our team and client team know our website better.

# 2.0 Agile Inception Deck

Description：Agile methodology is one of the project management ways; it helps our team assess the direction of the project throughout the development lifecycle. I make this agile inception deck in order to make our clients know deeply about our project and the process. It has written the elevator pitch, product box, the not list, the solutions, the size and so on. Also, by analyzing our project and making the PowerPoint, I am familiar to our project better.

3.0 Business analyze report

Description：As one of the information system students in our group, I contributed to write a business analyze report. This is completing our project and helps our team better. I wrote this business analyze report to show the clients what important changes might have, what problems might happen during the new website using and how to solve them. All the organization and operational situations are considered in this report.

# 4.0 Reachability graph

Description：This graph is based on Petri Net that our team member Alex drew. Reachability refers to the ability to get from one [vertex](https://en.wikipedia.org/wiki/Vertex_(graph_theory)) to another within a graph. It shows the sequence of the process. First, I developed the theoretical framework around temporal reachability graphs. Second, I harnessed our theoretical findings to propose an algorithm for their efficient computation. Finally, I demonstrate the analytic power of the temporal reachability graph concept by applying it to synthetic and real-life datasets.

# 5.0 Terms and conditions

Description：I have contributed to User story 24 in release 2. I am not good at programming, however, I can write some documents which need to put in our website, for example, terms and conditions. This is writing for clients who need to know our website and obey. I wrote this to help CS students in our teams, which convenient them job, they do not need to write such as long words documents any more. What I have done is making my team members do not need to worry about this.