天主教輔仁大學英國語文學系學士班畢業成果

ENGLISH DEPARTMENT, FU JEN CATHOLIC UNIVERSITY
GRADUATION PROJECT 2020

指導教授：周德嬿老師

Prof. Lynn Chou

Game-Based Programming: Dangal

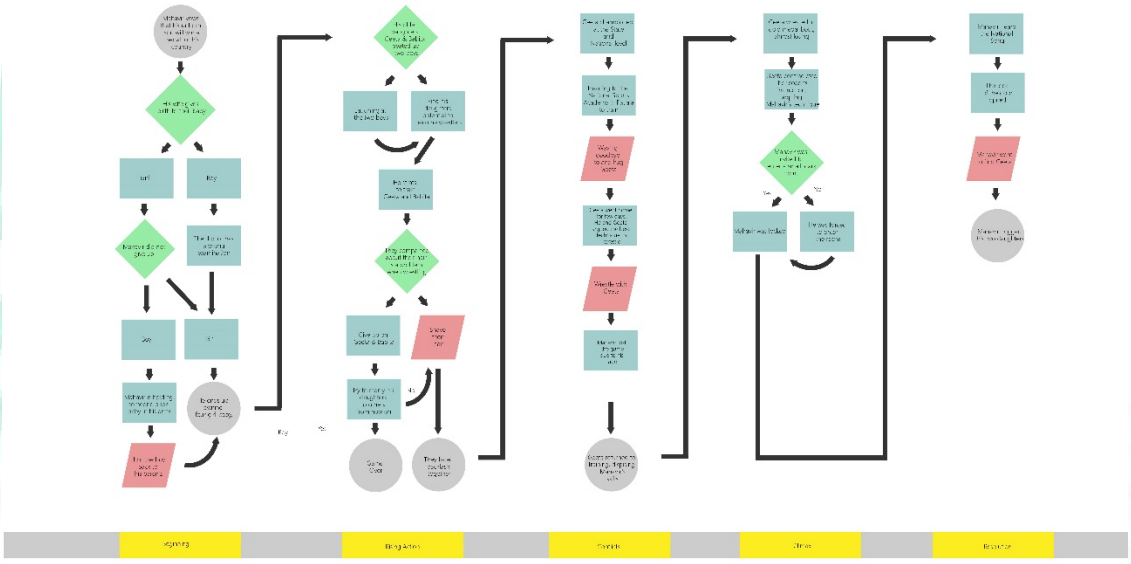
學　生　：　許　銘　純　撰

Milly, Ming-Chen Hsu

Interactive Storybook/ Game Design

Student ID: 405110399 Name: 許銘純 Group ID:

<table>
<tr><td>Topic</td><td>Dangal</td><td>Teammate(s)</td><td>Milly</td></tr>
<tr><td>Theme</td><td>The adaption of Dangal (Hindi: □□□□, lit. 'Wrestling competition'), a 2016 Indian Hindi-language biographical sports drama film.</td><td>Location</td><td>CoSpaces</td></tr>
<tr><td>Target Users</td><td colspan="3">Six-grade elementary school students</td></tr>
<tr><td>Purpose</td><td colspan="3">This is an interactive story book, which can be served as attached teaching materials in class. It helps the students to understand the historical and cultural background of India. What is more, it aims to eliminate gender stereotype and to support Feminism with entertainment.</td></tr>
<tr><td>Character(s)</td><td colspan="3">1. The Father: Mahavir Singh Phogat
2. His two daughters: Geeta Phogat and Babita Phogat</td></tr>
<tr><td>Plot</td><td colspan="3">Plot
<table><tr><th>Begininng</th><th>Rising Actions</th><th>Conflicts</th><th>Climax</th><th>Resolution</th></tr><tr><td>Mahavir vows that his unborn son will win a medal for his country but end up having four daughters</td><td>He find his daughters potential when they beated up two boys</td><td>Geeta had a wrestle with Mahavir.
She despised the skills Mahavir taught him.</td><td>Geeta fights with Rusian ,adpting what Mahavir had taught her.</td><td>Geeta won in the Commonwealth Games. The family reunite.</td></tr></table></td></tr>
<tr><td>Game Play and mechanics</td><td colspan="3">Dimensions of the interactive story design framework (multimedia, interface, education, cultural), or game elements (motivational, interactive, fun, multimedia). E.g. Challenges/ Activities/ Rewards/ Progression/ Game rules/ Skills</td></tr>
<tr><td>User Interface Design</td><td colspan="3">Tool used
CoSpaces
Music download form YouTube
Sound effects download form</td></tr>
</table>

Flowchart	

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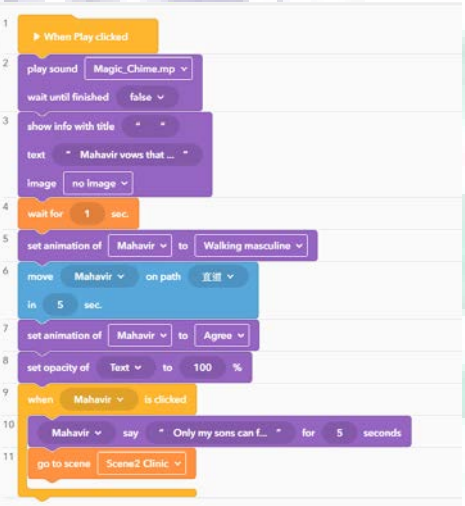
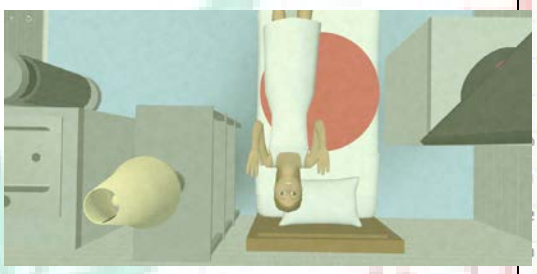
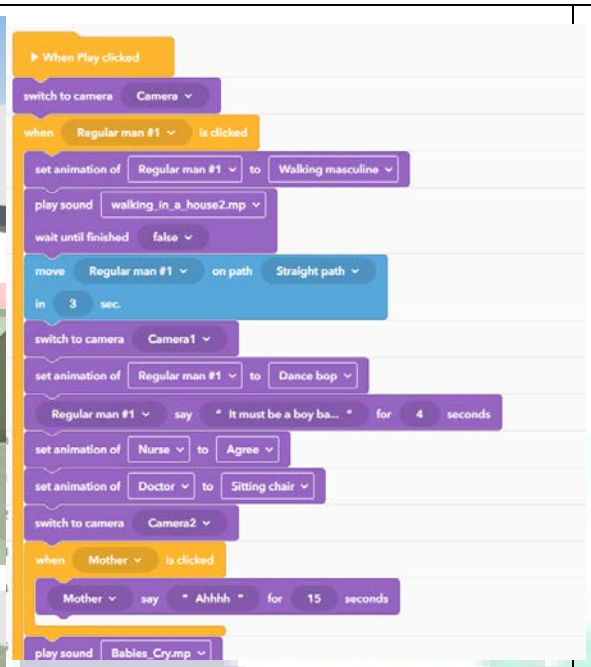
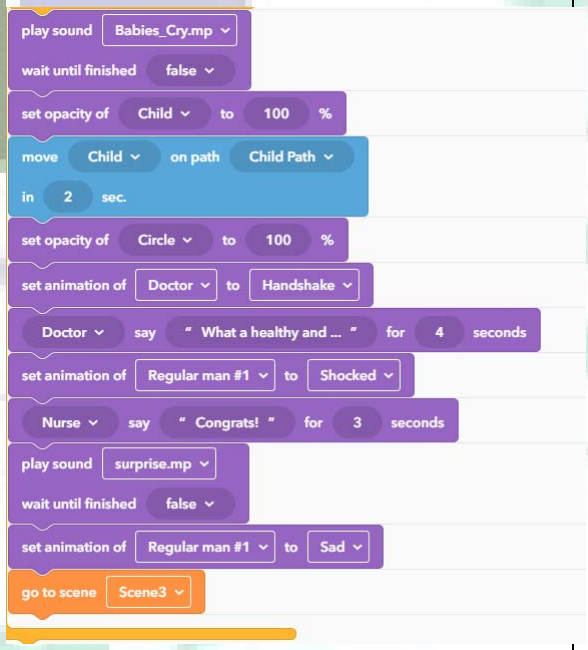
Storyboard

Scene	Image		Sound
	Screen shot	Description	Narration/ Sound effect/ Background music
Chap.1 Beginning	 	Show info in the beginning to briefly introduce the plot to users. Then, by showing “click Mahavir” to interact with the user. Also, by this setting, the user is able to control the pace they want to read the story. 	
Chap.2 Conflict		By switching the cameras, the user can follow the father’s perspective, accessing to closer and closer to the scene. Trying to imitating the giving birth scene by setting the opacity of the baby and the path.	







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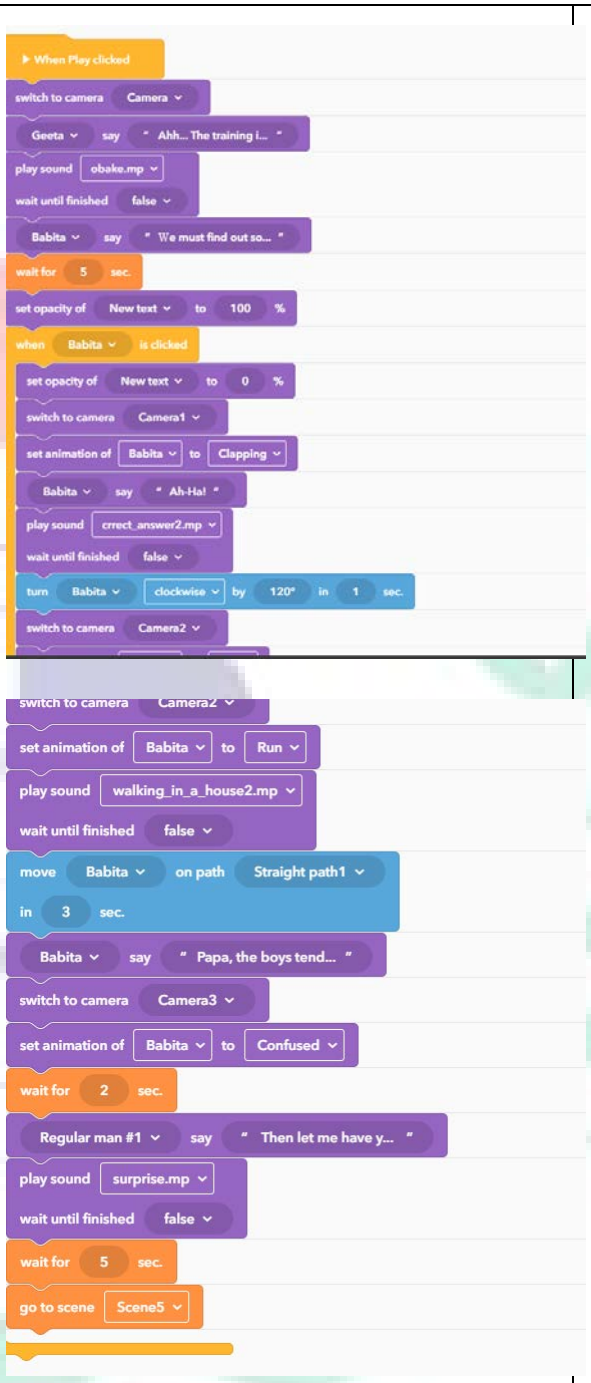
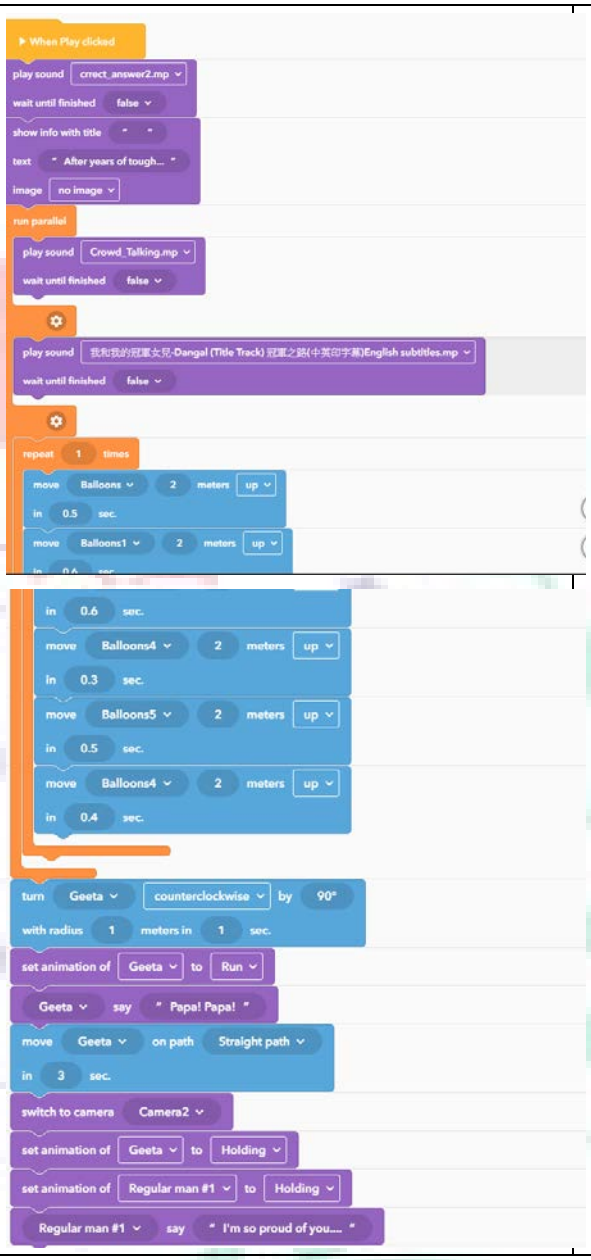
Chap.3 Challenge	 	When Play clicked switch to camera Camera Geeta say " Ahh... The training i... " play sound obake.mp wait until finished false Babita say " We must find out so... " wait for 5 sec. set opacity of New text to 100 % when Babita is clicked set opacity of New text to 0 % switch to camera Camera1 set animation of Babita to Clapping Babita say " Ah-Ha! " play sound crrect_answer2.mp wait until finished false turn Babita clockwise by 120° in 1 sec. switch to camera Camera2 switch to camera Camera2 set animation of Babita to Run play sound walking_in_a_house2.mp wait until finished false move Babita on path Straight path1 in 3 sec. Babita say " Papa, the boys tend... " switch to camera Camera3 set animation of Babita to Confused wait for 2 sec. Regular man #1 say " Then let me have y... " play sound surprise.mp wait until finished false wait for 5 sec. go to scene Scene5

Chap.4 Climax	 		
n		Showing a text board to illustrate the plot clearer to the user. Make the balloons upward. Switching cameras from far to near. Play the theme song to immerse to	

Papa! Papa!


When Play clicked
play sound crrect_answer2.mp
wait until finished false
show info with title " "
text " After years of tough... "
image no image
run parallel
play sound Crowd_Talking.mp
wait until finished false
play sound 我和我的冠軍女兒-Dangal (Title Track) 冠軍之路(中英印字幕)English subtitles.mp
wait until finished false
repeat 1 times
move Balloons 2 meters up
in 0.5 sec.
move Balloons1 2 meters up
in 0.6 sec.
move Balloons4 2 meters up
in 0.3 sec.
move Balloons5 2 meters up
in 0.5 sec.
move Balloons4 2 meters up
in 0.4 sec.
turn Geeta counterclockwise by 90°
with radius 1 meters in 1 sec.
set animation of Geeta to Run
Geeta say " Papa! Papa! "
move Geeta on path Straight path
in 3 sec.
switch to camera Camera2
set animation of Geeta to Holding
set animation of Regular man #1 to Holding
Regular man #1 say " I'm so proud of you.... "