

## backlog

Section	Function	Task	Duration	Start Date	End Date	Person in Charge
Video	Video Search based on keyword	integrate with getInputQuery() in YouTube Data API	3h	Oct 27	Oct 29	Yuheng Wang
	Return highest rating video from the search result	integrate with getRating() in YouTube Data API	3h	Oct 28	Oct 30	Yuheng Wang
	Video Streaming	Video Search Main Page Design	2h	Oct31	Nov 1	Yuheng Wang
		retrieve the video backend url and use django-embed-video package	3h	Nov1	Nov 3	Yuheng Wang
	Related Video recommendation	integrate with getInputQuery() but return a list of videos except the highest rating one	3h	Nov1	Nov 3	Yuheng Wang
		Video Recommendation Template Design in the video streaming page	2h	Nov 3	Nov4	Yuheng Wang
	Video Series Selection	get the list of video URLs from the video series, and show on the page for user to select any one	3h	Nov 2	Nov4	Yuheng Wang
		Video Series Selection Template in the video streaming page	3h	Nov2	Nov4	Yuheng Wang
Reading	Reading materials search by keywords	Integerate with Google Books API	3h	Oct 27	Oct 29	Zheng Wang
	Reading materials display	Integrating PDF.js as PDF viewer in the web application	3h	Oct 28	Oct 30	Zheng Wang
		or return the related url for retriveing the content of reading materials	2h	Oct31	Nov 1	Zheng Wang
	Related reading recommenddation	This kind of recommendation is based on the selected keywords and the description of readings	3h	Nov1	Nov 3	Zheng Wang
	Links for buying the book online	The related urls for buying the book from online bookstore are displayed	3h	Nov2	Nov 3	Zheng Wang
	Add books to the users favourite list	Favourite books could be retrived and displayed	2H	Nov 3	Nov 4	Zheng Wang
register	user registration	form validation and creation of user	2h	Oct 27	Oct 28	Shen Guan
		user register template design	2h	Oct 27	Oct 28	Shen Guan
		email confirmation	1h	Oct 27	Oct 28	Shen Guan
login	user login	user login template design	2h	Oct 27	Oct 28	Shen Guan
Game	Game difficulty Level Selection	Build three question database corresponds to easy, medium and hard level.	2h	Oct 29	Oct 29	Shen Guan
		Diffculty level selection UI design	1h	Oct 29	Oct 29	Shen Guan
		Connect to corresponding database according to the difficulty level	2h	Oct 29	Oct 29	Shen Guan
	Display questions	Randomly select a question from the corresponding question database	2h	Oct30	Nov 1	Shen Guan
		Get corresponding picture from image folder(e.g digit 3 maybe represented by three apples)	2h	Oct 30	Nov 1	Shen Guan
	Select answers for the question	One checkbox for each choice	1h	Oct 30	Nov 1	Shen Guan
		set a parameter of current score after receiving user's answer to each question	3h	Oct 30	Nov 1	Shen Guan
	Limited game time	integrate with FlipClock.js ( <a href="http://flipclockjs.com/">http://flipclockjs.com/</a> )	2h	Nov 2	Nov 2	Shen Guan
		If time counts to zero, game should end and jump to the game ending page	2h	Nov 2	Nov 2	Shen Guan
	Display the performance when the game ends	game end page template design	3h	Nov 3	Nov 5	Shen Guan
		store the performance into scoreboard table	3h	Nov 3	Nov 5	Shen Guan
	Display top 3 most recent score from the game	Build Scoreboard for each user of this game, and add timestamp to the table	2h	Nov 3	Nov 5	Shen Guan
		Get 3 most recent score by SQL statement and show on the game page	2h	Nov 3	Nov 5	Shen Guan
	Display the game history in the scoreboard	scoreboard template design	2h	Nov 3	Nov 5	Shen Guan
		fetch the history data from the database	2h	Nov 3	Nov 5	Shen Guan