

courses	
♦ <u>course_id</u>	<u>text</u>
• user_id	text
• course_nm	text
◦ title	text
◦ description	text
◦ annotation	text
• public	int
• official	int
◦ sort time	timestamp

courseslists	
♦ <u>course_id</u>	<u>text</u>
♦ <u>list_id</u>	<u>text</u>
• position	int

lists	
♦ <u>list_id</u>	<u>text</u>
• user_id	text
• lit_nm	text
• title	text
◦ description	text
◦ annotation	text
• public	int
• official	int
◦ short_time	timestamp

coursesusers	
♦ <u>course_id</u>	<u>text</u>
◦ user_id	text
• tutor	int
◦ tag	text

listitems	
♦ <u>list_id</u>	<u>text</u>
♦ <u>position</u>	<u>int</u>
◦ problem_nm	text
◦ description	text