

105 學年度大四工工專題摘要

第 26 組	NTHU Rental Bike System
指導教授	邱銘傳
參與學生	102034082 卡洛斯
摘 要	
National Tsing Hua University is located in Hsinchu, Taiwan, 72 kilometers south of Taipei. The campus covers over 105 hectares (260 acres) of scenic land, flush with lakes and trees. National Tsing Hua University rigorous creates a rigorous yet nurturing climate to promote the personal and Intellectual development of students. The university provides programs, services, and educational experiences, and enhance the quality of campus life. The campus program and services support the mental, social, and physical growth and development needs of the students as well as visitors in a healthy, safe, and intellectually-challenging environment. Although the campus provides a rich environment for their stuff, student and visitors, it is remarkable the hardship to get around the university due to its poor transportation service and mainly due to its mountainous campus. Seeking for solution of this problem the student most of time purchase themselves bikes, others drive in the campus, which brings more expenses to the university once the university is forced to provide park lot for bikes and cars, and it also decrease the campus aesthetic because it turns out to have bicycles (most of the time old ones) all over the campus. In addition to come with a better solution to this problem, I started to consider a rental bike system in the campus. It is my belief that there is a great possibility of create a good rental bike system able of satisfying both the students and the university. I believe that the rental bike system can provide the students a reliable and cheap way of transportation along with their satisfaction, reduce the number of useless and ugly bicycle in the campus, can support the bus transportation system in the campus and also reduce the university expenses regarding to student transportation and perhaps make some profit. In sum the rental bike system would mainly address to the campus three problem: ➤ Poor service of the bus system in the campus ➤ Transportation disposal in all area of the campus ➤ The great number of useless bicycle in the campus	