# Introduction

Since the introduction of digital systems in the public transport the information got decentralized. In the study in Amsterdam Central Station we have identified several systems. When interviewing the people on the station

Since the introduction of digital system in Amsterdam Central Station I our observations, interviews and using the existing infrastructure

Students who go from secondary to higher education aren’t always well prepared to cope with the academic and social demands of higher education (Lowe & Cook,2003). They are not well-prepared for study skills that are needed

in higher education such as private reading, note taking and time management. According to H¨afner, Stock, and Oberst (2014) higher education students often su↵er from stress. One of the possible reasons they state for this stress is that students su↵er from problems caused by time-related demands. These problems could be related to bad time management. Other research also suggests that it is important for higher education students’ academic performance to master time management skills (Cemaloglu & Filiz,2010;Claessens, Van Eerde, Rutte, & Roe,2007;MacCann, Fogarty, & Roberts,2012). MacCann et al. (2012) describe that not only e↵ective time management does appear to have numerous advantages for students, poor time management is frequently mentioned in research as a source of poor academic performance. Researches suggest that e↵ective time management is related for greater academic achievement (Britton & Tesser,1991;Cemaloglu & Filiz,2010). A part of managing one’s time efficiently isn’t just being able to manage one’s time in the sense of setting goals and making an efficient planning. To be able to utilise one’s study time efficiently it is important for students to be able

to completely focus on their work while studying so they

can conform to their planning. Being able to concentrate

is a prerequisite for studying successfully (Castle & Buckler,

2009).

Since higher education students often don’t have the competencies

needed for efficient time management, while this

is important for their academic achievement, in this paper

a system will be described that could support students with

their studies by helping them to manage their time efficiently

during their daily lives and help them to stay focused during

study sessions. To determine what requirements the systems

should have to do this there will first be looked into related

work, which is described in section 2. After this, in section

3 the requirements of the system and interaction design will

be discussed. In section 4 the system description will be explained.

Last, in respectively section 5 and 6 the discussion

and the conclusion and future work will be discussed.