

Topic : An intelligent app to schedule the timings of transportation avoiding the over occupancy of public transport

Team : Binary beasts

Members:

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AIM:
To provide a realistic simulation of transport systems capable of effectively managing the administrator side work

- 1. Registration / login page:** here the administrator will register / login he will be verified by government record such as offer letter / transfer letter.
- 2. Time table management:** administrator can observe the time table and can request for changes such as change in particular route.
- 3. Notification:** administrators will receive notifications about any changes that have been made by other administrator or any changes that are done in scheduling

Novelty / Uniqueness:

Notification

Clash free

Technology stack:

Django MongoDB
Engine

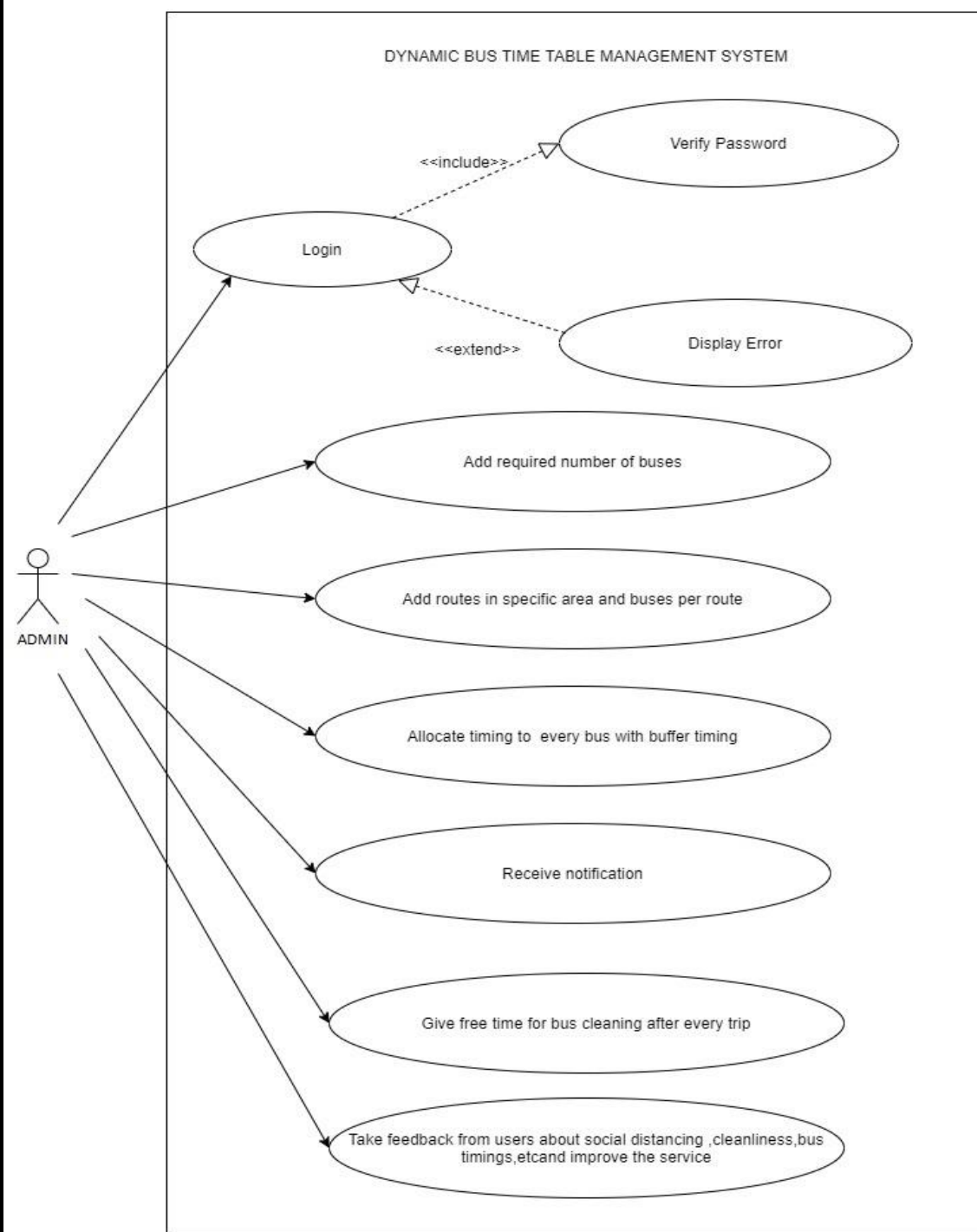
HTML/CSS
Front end

Python
algorithm

Extra points

- first we need to consider the regular passengers based on passes they can be managed by using separate vehicles.
- bus or train can be divided into 2 parts 1 is regular passengers and next is irregular so that social distance is maintained
- 20 mins of buffer window is provided for cleaning

Use case diagram



System Tour



User Interface



Algorithm

Conclusion:

Thus, we have created a system which will generating time tables as well as routes for bus taking into consideration factors which could affect predefined schedule.

A row of wooden blocks spelling 'thank you' is positioned on a wooden surface. The background is a warm, out-of-focus bokeh of yellow and orange lights, creating a soft, glowing effect. The blocks are light-colored wood with black letters, and the overall scene conveys a sense of gratitude and accomplishment.

thank you