|  | **Functional** | **Non-Functional** |
| --- | --- | --- |
|  |  | Minimum internet speed |
|  |  | Space requirements |
|  |  | Loading app speed requirements |
|  |  | Loading timetable speed requirement |
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Function

Must have

* Search for bus stops
* Display bus timetable
* Display bus stops on a map
* Displays Landmarks on map
* Displays Uni buildings on map
* Display a section which tells when the uni bus is not active.

Should have

* ETA on Timetable
* Click on bus stop to get eta for that stop
* Displays your current location on map
* Search for uni buildings
* Search for landmarks
* Timetable eta’s should update
* Have a database of the university bus

Could have

* Wayfinding from location to bus stops for walking
* Add wayfinding to uni buildings via the uni bus
* Add the walking distance along route
* Add wayfinding to landmarks via the uni bus
* Add the eta for walking route
* Possibly add a delay from the university bus

Will not have

* Add user login system
* Will not have bus stops which the uni bus does not stop at.
* Tracking of the actual university bus
* Will not store user location data
* Will not provide other means of transportation for campus

Non-Functional

Must have

* Our use of openlayers map will comply with there licence agreement
* The timetable should be available 24 hours a day

Should have

* App will be available on Android 13, 12 and 11
* App will be available on IOS 16, 15 and 14
* Eta on timetable should update at least once per minute
* The map should be available whenever openlayers map is available

Could have

* Wayfinding time eta’s should update at least once per minute
* Wayfinding distance eta’s should update at least once per minute

Will not have

* General disability features e.g. for the blind and deaf
* Be available on operating systems other than Iphone or Android e.g. Huawei