A milestone is a significant event in the project schedule, and it typically consists of multiple activities completed in sequence. Milestones are useful tools for setting schedule goals and helping monitor the progress of the development of the project. A milestone should be Specific, Measurable, Attainable, Relevant, and Time-Bound or SMART.

In the case of the Global Treps project, there are five potential milestones:

1. Obtain Viable Software Security
2. Test the Website
3. Design the Mobile Application
4. Obtain a Business License
5. Release the Website and Mobile Application

Each of these five milestones must conform to the SMART criteria and must have a set of tasks leading up to the completion of the milestones. The five milestones can be described by the SMART criteria as such:

1. Obtain Viable Software Security
   a. Specific – Project will provide the user with up-to-date security for both the website and mobile devices as users expect
   b. Measurable – Determined amount of money has been designated for the purchase of security software for both the website and devices using the mobile application
   c. Attainable – Security software will effectively defend against basic cyber attacks
   d. Relevant – Website will provide the user with stabile antivirus software to protect the transfer of data
   e. Time-Bound – Security software will be bought and integrated during software development
2. Test the Website
   a. Specific – Project team will hire temporary testers to determine the functionality of both the website and mobile application
   b. Measurable – Set amount of money will be designated to the hiring of temporary testers for the website while unpaid beta testers will determine the functionality of the mobile application to help lower costs
   c. Attainable – Testers will help make the website and mobile application reliable for all users
   d. Relevant – Bugs and errors on the website and mobile application will be routed out by testers to ensure reliability
   e. Time-Bound – Testers will be hired immediately after the website host is operational and beta testers will be allowed to work immediately after the mobile application is available
3. Design the Mobile Application
   a. Specific – Project team will design a mobile application for users to use with the online website

    b. Measurable – Appropriate software will be approved by the project manager to use as the foundation of the mobile application

    c. Attainable – Software needed for the application will be ordered and will ensure that the mobile application is usable

    d. Relevant – The mobile application will enable users to view information on their mobile devices and not have to pay for the software themselves

    e. Time-Bound – Software needed for the mobile application will be bought and integrated as seen fit

4. Obtain a Business License

    a. Specific – Project team must acquire a business license to hire temporary testers, so the website and mobile application are reliable

    b. Measurable – Business license would be a one-time cost of anywhere between $50 and a few hundred dollars plus any renewal fees

    c. Attainable – Business license will enable the project team to hire testers to route out bugs and errors in the software

    d. Relevant – Project team will be able to legally hire temporary testers and to make a profit off any events hosted on the website

    e. Time-Bound – Testers will be hired after the obtainment of the business license and after the software is developed

5. Release the Website and Mobile Application

    a. Specific – Website and mobile application will be reliable and available to anyone and everyone who can provide appropriate feedback to the organization

    b. Measurable – User feedback will allow the organization to update and revise certain aspects of the website and mobile application

    c. Attainable – The user count of the website and mobile application will give the organization an idea of how popular it is

    d. Relevant – The temporary testers will be paid for their work and the website and mobile application will be ready to go public

    e. Time-Bound – Website and mobile application will be available to the public immediately after the testing phase is finished

These five milestones will allow the project team to effectively monitor the progress of the Global Treps project and to ensure that the development of the project is on time and cost effective.