

## RPA Project Proposal

Team Member Details			
Sl. No.	USN	Name	Email ID
1	1MS20CS001	A SUSMITHA	susmithareddy915@gmail.com
2	1MS20CS042	DHANYATHA N	dhanyatha23.dnn@gmail.com
3	1MS20CS021	ANUSHREE MS	anushreems23@gmail.com
4	1MS20CS015	ANANYA DS	ananyasridhar282@gmail.com

**Title: AUTOMATING WATCHLIST DOWNLOAD**

### Background:

- The main purpose of this project is to use cellular data efficiently without any wastage. Each one of us has to recharge our mobile data packs based on daily data limit frequently to access internet services, out of which a considerable amount of data is wasted.
- It is not natural for any of us to exhaust the daily data limit entirely, it is innate that a stipulated amount is bound to get wasted.
- Therefore, this project solves the above problem by providing users an opportunity to automatically download their watchlist content on any platform thereby using the resource and technology adequately.
- The user is prompted to provide a time within a day to automate watchlist download that the user intends to watch later.

### Objectives:

- Sustainable use of cellular data on a daily basis.
- Users(subscribers) will have an upper hand over the internet service providers.
- To automate watchlist content download the user is interested in and intends to watch later.
- Provides an option to the users to pick a particular time within a day to fulfill the purpose of the intender.
- This is a flexible option where the users are not obligated to use this feature, can be turned off whenever unnecessary.

### Scope:

[What will be the end result of the project? Describe here what phases of work will be undertaken.]

The end result of this project will be an automated workflow which downloads the content of watchlist as intended by the user for later use.

Phases:

- Idea : The insight of this project occurred to us when we realized that we are wasting a considerable amount of money without using the network resources to the full extent provided by merchants.
- Assessment : After analyzing the idea, the problem statement needed the following requirements:
  1. Add interesting videos to YouTube watchlist.
  2. Extract the corresponding video links onto an excel file.
  3. Prompt the user to set a timer within the day.
  4. Automate the software to download those respective videos in the watchlist at the time given by the user.
  5. Continue this only until the data limit for the day is exhausted.
  6. These videos must be reflected in the users download list of YouTube.
- Testing and Conclusion :
  1. The expected end result will be tested against various conditions and amendments will be made appropriately in order to accomplish the result that was expected by us.
  2. The implementation would achieve the downloading of videos automatically, without having the user to intervene and download every individual video explicitly.