

# Project Proposal

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## 1. Introduction

Short videos will be popular in the next few years, and many companies are expanding their business in this direction. This project aims to develop our own TikTok short videos application based on the new version of SpringBoot combining with Uniapp.

## 2. Project aim

### 1. short video business module

- User module development
- Short video module development
- Fan module development (optional)
- Comment module development
- Message module development (optional)
- Service registration and configuration

### 2. Main technology stack

- Mainstream framework: SpringBoot 2.x, Spring, Mybatis
- Database: Mongodb, MySQL/Mariadb
- Service registration and discovery component: Nacos
- Middleware: Minio, RabbitMQ, Redis, etc.
- Load balancing: Nginx

## 3. Project Stages

1. Build frontend project
2. Build backend project
3. Develop modules (User, Short video, Fan, Comment, Message)
4. Nacos Distributed Service and Configuration Center
5. Publish project and deploy cloud