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| CVPP       | TikTok   | Authors: Stella Shi    |
| DuerOS IVI | PRD v1.0 | Document Status: Draft |



**TikTok 抖音**  
**Product Requirements Document (PRD)**  
**V1.3**

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## 1 General Assumptions

### 1.1 User

The user is assumed to be responsible for:

- 用户使用 App（FP/LW）

### 1.2 Vehicle

- 车机上预装抖音，且有流量

### 1.3 APP

## 2 抖音

### 2.1 Description

让用户在车机上能使用抖音,基本功能和手机版抖音保持一致。车机定制主要从以下几个方面来体现:

- 观看短视频
  - 》在车速为 0 情况下:
    - 1) 进入抖音, 自动/手动播放视频
    - 2) 一个视频播放完毕后, 自动播放下一个?
    - 3) 用户使用方向盘上的快捷键 (暂停、播放、下一个)
  - 》在车速不为 0 的情况下: 暂停播放, 显示安全提示
- 用户设置
  - 》账号登录: 抖音账号登录, 与移动平台账户打通
  - 》流量包: 1) 已经在抖音购买运营商流量包在车机上不能共享  
2) 购买车机端流量包

### 2.2 User stories

| User Story ID | User Story                    |
|---------------|-------------------------------|
| 2.2.1         | 用户能在 IVI 上收看抖音短视频             |
| 2.2.2         | 用户能在 IVI 上登录抖音账号, 与抖音手机版本帐号打通 |
| 2.2.3         |                               |
| 2.2.4         |                               |
| 2.3.5         |                               |
| 2.3.6         |                               |

### 2.3 Requirements

抖音App的基本功能与抖音手机版本保持一致。



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抖音需要根据福特的相关要求修改定制APK。包括HMI，音频等规范和要求。

## 2.4 User Cases

|                   |                             |
|-------------------|-----------------------------|
| Use Case ID       | 2.4.1.                      |
| Use Case          | 用户能在 IVI 上看到抖音 app 的图标并点击进入 |
| Pre-Conditions    | 1. Ignition on              |
| Trigger           | 需 HMI 定义抖音 app 的入口<br>TBD   |
| Expected Behavior | 用户可以看到抖音的 app 图标，并可以点击进入    |
| Post Conditions   | 点击后，进入抖音主页面，并开始播放视频         |
| Exceptions        |                             |

|                   |  |
|-------------------|--|
| Use Case ID       | 2.4.2                                      |
| Use Case          | 用户能用方向盘按钮控制抖音视频播放                          |
| Pre-Conditions    | 1. Ignition on<br>2. 用户已经开始使用抖音            |
| Trigger           | 用户按方向盘上按钮 “<<” “>>” “  ”                   |
| Expected Behavior | << 播放上一个视频<br>>> 播放下一个视频<br>   &play 暂停和播放 |
| Post Conditions   |  |
| Exceptions        |  |

|                   |                                 |
|-------------------|---------------------------------|
| Use Case ID       | 2.4.3                           |
| Use Case          | 用户在车辆行驶过程中不能观看抖音视频              |
| Pre-Conditions    | 1. Ignition on<br>2. 用户已经开始使用抖音 |
| Trigger           | 车辆在行驶中，即车速>5km/h                |
| Expected Behavior | 抖音停止播放视频，并显示相关提示内容              |
| Post Conditions   | /                               |
| Exceptions        | /                               |



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| <b>Use Case ID</b>       | 2.4.4                           |
| <b>Use Case</b>          | 用户在车辆非行驶过程中可以观看抖音视频             |
| <b>Pre-Conditions</b>    | 1. Ignition on<br>2. 用户已经开始使用抖音 |
| <b>Trigger</b>           | 车辆在非行驶状态，即车速<5km/h              |
| <b>Expected Behavior</b> | 抖音正常播放视频                        |
| <b>Post Conditions</b>   | /                               |
| <b>Exceptions</b>        |                                 |

|                          |  |
|--------------------------|--|
| <b>Use Case ID</b>       | 2.4.5                                    |
| <b>Use Case</b>          | 用户通过扫描二维码登录抖音帐号                          |
| <b>Pre-Conditions</b>    | 1. IVI 上抖音正常运行<br>2. 用户在手机端有账号并登录        |
| <b>Trigger</b>           | 用户用手机抖音 app 扫描车机上的二维码（抖音登陆二维码）           |
| <b>Expected Behavior</b> | 1. IVI 上的抖音登陆帐号（同手机抖音帐号）                 |
| <b>Post Conditions</b>   | 登陆后，车机端抖音帐号和手机端抖音帐号信息和内容一致，包括用户信息，点赞、收藏等 |
| <b>Exceptions</b>        | /  |

### 3 Classification Key

| <b>Classification</b> | <b>Notes</b>   |
|-----------------------|--|
| Proprietary           | Information created or obtained in the normal course of business and not classified as Secret or Confidential  |
| Confidential          | Information that provides the Company with a competitive advantage, that supports its technical or financial position, and which, if disclosed without authorization, could cause damage to the Company. |
| Secret                | Information of a strategic or highly sensitive nature that, if disclosed without authorization, would cause substantial, severe, or irreparable damage to the Company or its relationships.              |



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## 4 Document Status Key

| Status | Notes   |
|--------|---|
| DRAFT  | Document currently being worked on. Shall not be used as a solid reference to information included in this document.  |
| AFR    | Available For Review. Document information is not eligible for changes. Approving manager will revise this document and if all the information is found to be completely valid, then the document will change to REL status. If the document is found to have errors, the document will change to DRAFT status. |
| REL    | Released. Document is completely valid at time of review, and is now available to be used as a solid reference of information.  |

## 5 Terms, Acronyms and Definitions

| Term or Acronym | Definition |
|-----------------|------------|
|                 |            |
|                 |            |
|                 |            |
|                 |            |



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## 6 Changes

| Author | Date<br>(YYYY/MM/DD) | Status | Notes   |
|--------|----------------------|--------|---|
|        | 2019/10/26           | DRAFT  | Version 1.0 - Initial draft at compiling all use cases, available information and existing requirements |
|        | 2019/11/26           | DRAFT  | Version 1.3   |
|        |                      |        |   |
|        |                      |        |   |

## 7 Contacts

For assistance or correction, please contact any of the following:  
Stella Shi, Feature Owner – Ford Motor Company  
Email: [jshi32@ford.com](mailto:jshi32@ford.com)

## 8 Appendix

